

SURVEY OF NEW ZEALAND FARMER INTENTIONS
AND OPINIONS, OCTOBER-DECEMBER, 1982

by

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RESEARCH REPORT NO. 136

March 1983

ISSN 0069-3790

THE AGRICULTURAL ECONOMICS RESEARCH UNIT
Lincoln College, Canterbury, N.Z.

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ACKNOWLEDGEMENT

The authors recognise the special contribution from the large number of farmers throughout New Zealand who responded to the questionnaire. In addition thanks are due to some progressive major companies and organisations whose foresight and financial contributions enabled this exercise to be undertaken. They include:

Dalgety New Zealand Limited

New Zealand Insurance Company Limited

Ivon Watkins-Dow Limited

Rural Radio of Radio New Zealand

Waitaki New Zealand Refrigerating Company Limited

East Coast Fertiliser Company Limited

Blue Wing Honda Limited

Indebtedness is acknowledged to the Government Statistician and his staff for drawing the sample of farmer respondents.

Special thanks are owed to Janice Glen for her careful and systematic preparation of the first draft of this report, to the staff of the Computer Centre of Lincoln College, and to many others who helped from time to time.

1. BACKGROUND

1.1 INTRODUCTION

This is the fifth major survey of New Zealand Farmer Intentions and Opinions undertaken. The others relate to 1977, 1978, 1979 and 1981. All were aimed at providing agricultural policy makers and those in the agri-business sector in New Zealand with better data on which they could formulate policies and plans.

The surveys have continued in response to demands from various quarters although at no time has any claim been made that the results are completely conclusive. Obviously factors such as the unscheduled occurrence of droughts and the non-response from a section of the sample have an effect on the validity of the final results.

The survey not only attempted to 'sound out' farmers on their development plans, etc. but endeavoured to pursue enquiries relating to financial matters raised in the 1978 and 1981 surveys and also a special survey in which J.G. Pryde was involved in 1980¹. The questions were included in the 1982 survey in the hope that some important data on farmer indebtedness, etc. could be secured to fill in gaps in our information on the capital and debt structure of New Zealand farms.

1.2 THE SAMPLE

A stratified random sample of just over 3,000 dairy, sheep-beef and arable farmers was drawn by the Department of Statistics from an up-to-date list of farmers classified according to the New Zealand Standard Industrial Classification. The sample was stratified by farm type within Official Statistical areas. Farms below 20 hectares were eliminated and the total sample represented about seven percent of the estimated 45,000 full-time farmers in New Zealand.

1.3 RESPONSE RATE

Just over 1,800 farmers (or about 60 per cent) responded to the mail

1. *A Review of the Rural Credit System in New Zealand 1964 to 1979*, J.G. Pryde and S.K. Martin, Research Report No. 114, A.E.R.U., Lincoln College.

questionnaire (a copy of which is included as Appendix A to this report) and, of these 1,616 satisfactorily completed the questionnaire as at the closing date, 10 January 1983.

The questionnaires were dispatched in early October 1982. A reminder was sent to non-respondents in November.

1.4 ACCURACY

Again, responses were well spread throughout the 13 Provincial Land Districts. No follow-up surveys of non-respondents were undertaken. Statistics on the sample are given in Appendix B to this Report.

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III. CONCLUSIONS

The major conclusions drawn from responses to the 1982 Survey are as follows:-

1. Dairy Farmers

(a) Number of cows in milk.

Whereas the average number of cows in milk at December 1981 was 142 it was expected that at December 1982 this would be 149, an increase of 4.9 percent. East Coast, Nelson, Westland and Southland indicated substantial increases in their herd numbers. (Table 1A)

(b) Average annual milkfat per cow.

Respondents estimated the average milkfat produced per cow to be 151 kilograms for the 1981-82 season, and expected this figure to rise to 155 kilograms for the 1982-83 season, an increase of 2.6 percent. (Table 1B).

2. Sheep and Beef Farmers

(a) Number of breeding ewes (excluding ewe hoggets).

At mid-1981 respondents had an average of 1947 breeding ewes and at mid-1982 the average number had increased by 4.1 percent to 2026 breeding ewes. Northland indicated the highest increase at 10.8 percent and Westland a decrease of 6.8 percent. (Table 2A)

(b) Number of ewe hoggets.

On average, respondents had 625 ewe hoggets in their sheep flocks at 30 June 1981 and an estimated 605 at 30 June 1982, a decrease of 3.2 percent. South Auckland, Nelson and Southland indicated the largest decreases in numbers, while Northland showed a substantial increase of 21.3 percent. (Table 2B)

(c) Number of ewe hoggets mated.

In the autumn of 1981 respondents put an average of 88 ewe hoggets to the ram; the corresponding number for the autumn of 1982 was 98; an increase of 11.4 percent. There were very substantial changes according to Provincial Land District, the highest being Northland with an estimated 85.1 percent increase, and Southland with a 40 percent increase. Westland and Canterbury expected substantial decreases (45.6 and 41.9 percent). (Table 2C).

(d) The attitude of respondents to fat lamb production over the past ten years.

The majority of respondents intended to increase production (67.5 percent). Figures varied somewhat according to provinces; for example 93.3 percent of East Coast respondents intended to increase production. Taranaki and Nelson had even intentions of maintaining production at 42.9 percent, while 21.4 percent of Westland respondents intended to decrease production. (Table 2D).

(e) Factors relevant to fat lamb production over the past ten years.

'Pride in your livestock', 'rising on-farm costs', 'desire for a greater income' and 'changes in the price of lamb' were rated as the most important factors by respondents. The introduction of a guaranteed price for lamb, changes in killing and freezing charges and changes in wool prices were classified as the next most important group of factors. The least important factors relevant to lamb production over the decade were 'changes in labour availability', 'the farmer nearing retirement' and 'the introduction of irrigation'. (Table 2E).

(f) Actual fat lamb production trends over the last ten years.

The over-all trend was for increased production (68.7 percent), with a quarter of respondents merely maintaining production and only 7 percent declaring they had decreased lamb production over the period. (Table 2F).

(g) Number of beef breeding cows/heifers (936 valid observations).

Respondents had at 30 June 1981 an average of 65 beef breeding cows/heifers; the corresponding number at 30 June 1982 was 59 - a decrease

of 9.2 percent. Apart from Southland where respondents indicated no change in numbers, all Provincial Land Districts showed a decrease, with Central Auckland, Nelson and Westland showing estimates of substantial decreases in cow numbers. (Table 2G).

(h) Number of beef breeding heifers.

At 30 June 1981 respondents had an average of 15 beef breeding heifers in their cattle herds; at 30 June 1982 the average number was 14, a decrease of 6.7 percent. A large number of Marlborough and Nelson respondents (43.7 and 42.7 percent) estimated decreasing heifer numbers.

3. Fencing

Respondents erected an average of 869 metres of new fencing in the 1981-82 season and intended to decrease this to 792 metres during the 1982-83 season, a fall of 8.9 percent. Central Auckland and Marlborough showed intentions of very substantial decreases, as also did cropping farmers. (Tables 3A, 3B).

4. Factors Limiting an Expansion of Farm Output

The chief limiting factors chosen by respondents were the cost of finance (12.3 percent of all responses), inadequate profits from expanded output (11.4 percent), the cost of additional farm inputs (10.2 percent), and income tax levels (8.8 percent). The next two highest ranking factors were the productive limitations of the type of land farmed (7.9 percent) and the size of the farm (7.1 percent). The importance of the limiting factors varied somewhat according to the Provincial Land District, farm type and age of farmer. (Tables 4B-4D).

4. The Most Effective Expansion Incentive

The most important production expansion incentive by far, in the view of respondents would be the reduction in inflation rate (singled out by 45.7 percent of respondents). The second would be the reduction in income tax (18.6 percent), and thirdly, increased subsidy to reduce the

cost of fertiliser (15.3 percent). Just over 3 percent of respondents suggested higher supplementary minimum prices and 5.3 percent mentioned a reduction in the cost of farm credit. Between the main farm types there were some differences in response patterns. For example whereas 32 percent of mainly cropping farmer respondents and 29 percent of dairy farmers mentioned the need for a reduction in income tax, only 14 percent of sheep-beef farmers cited this as an effective expansion incentive. Also, respondents in the 35 years and under age group considered a reduction in income tax as a less important incentive than did older farmer respondents. (Table 5A - 5C).

6. Pasture Renovation

(a) Percentage of farm regarded as ploughable.

On average 21.5 percent of respondents regarded under 25% of their farm as ploughable, 13.3 percent as 25-50%, 21.3 percent as 50-75% and 43.9 percent as 75-100% ploughable. Relevance of farm type was quite significant in the determination of these classifications. (Tables 6A, 6B).

(b) Indications of whether respondents have undertaken a pasture improvement programme.

On average 71.6 percent of respondents are carrying out a pasture improvement programme. (Table 6C, 6D).

(c) Area of pasture improved last and this season.

On average respondents improved 15.0 hectares in the 1981-82 season and indicated they plan to improve 14.2 hectares in the 1982-83 season. (Table 6E, 6F).

(d) Method used in pasture improvement programme.

The main method used in pasture improvement on average was mechanical cultivation, at 42.5 percent; 29.1 percent of respondents used more than one method, while 12.9 percent used broadcast seed. 'Undersowing' ranked next at 10.6 percent and lastly, chemical treatment (4.9 percent). Figures varied somewhat according to farm type. (Table 6G, 6H).

(e) Results of pasture improvement undertaken.

Overall 70.6 percent of respondents rated the results of their pasture improvement programme as being 'good', while 24.5 percent rated them as 'excellent'. Only 4.6 percent were 'poor', and 0.2 percent 'disastrous'. (Tables 6I, 6J).

(f) Type of scrub and brushweed on farm.

A total of 45.3 percent of respondents stated they had no scrub or brushweed, while 35.6 percent described it as 'scattered'; 5.7 percent stated they had 'solid blocks' of scrub and brushweed, while 13.4 percent had incidence of 'scattered' and 'solid block' infestation. (Tables 6K, 6L).

(g) Area of scrub and brushweed.

On a national basis the largest area was 5.3 hectares of 'other scrub'. The next was 4.2 hectares of scrubweed, 2.8 hectares of gorse, 0.9 hectares of blackberry and 0.4 of broom. The Nelson province showed an above-average area of 24.3 hectares of 'other scrub'. Marlborough recorded the highest incidence of scrubweed; Westland the highest percentage of gorse infestation; East Coast and Westland the highest percentage of blackberry and Marlborough the highest incidence of broom. (Tables 6M, 6N).

(h) Scrub and brushweed cleared in 1981-82, and intending to clear 1982-83.

Respondents indicated they cleared 4.5 hectares on average in the 1981-82 season, and intended to clear 3.1 hectares in the 1982-83 season - a decline of around one-third. Reductions in planned scrub and brushweed clearance were especially high in Taranaki and Marlborough. (Tables 6O, 6P).

(i) Method of clearing used.

While 43.5 percent of respondents said they had no scrub to clear, 17.7 percent used chemicals, 14.1 percent mechanical means and 12.2 percent used both; 3.9 percent used 'other' methods and 8.6 percent did not clear any scrub at all. Between Provincial Land Districts and main farm types there were significant differences in methods used to clear scrub and brushweed. (Tables 6Q, 6R).

(j) Success of clearing.

Overall, 40.9 percent of respondents said their clearing was successful,

while only 1.1 percent said it wasn't and 2.7 percent said they 'didn't know'; 44.7 percent had no scrub to clear and 10.6 percent said they did not clear any scrub at all. (Table 6S, 6T).

7. Fertiliser

(a) Method usually used to apply fertiliser.

The most common method used by far was surface ground spreading at 62.9 percent. The next was by fixed wing aircraft at 32.2 percent, with the other methods bearing little significance. (Helicopter 1.5%, drilling 3% and side dressing 0.4%). (Tables 7A, 7B).

(b) Respondents' view of paying extra for a more concentrated fertiliser.

Figures show that 58.2 percent of respondents were prepared to pay extra, while 29.7 percent were not, and 12.1 percent said they didn't know whether they would be prepared to pay extra. (Tables 7C, 7D).

(c) Respondents' view of paying extra for a better physical quality fertiliser.

Overall 40.9 percent were prepared to pay extra, while 35.7 percent were not, and 23.5 percent said they didn't know. (Tables 7E, 7F).

(d) Respondents' view of paying extra for better ratios of N.P.K.

Many respondents were prepared to pay extra, on average (42.4 percent), while 33.9 percent were not and 23.7 percent did not know. (Tables 7G, 7H).

(e) Respondents' view of paying extra for superior chemical quality.

Once again, many respondents were prepared to pay extra, on average (51.6 percent), while 23.1 percent were not and 25.2 percent did not know. (Tables 7I, 7J).

(f) Respondents' view of which fertiliser will become more widely used in their future farming enterprise.

Concentrated N.P.K.S. was rated as becoming the most widely used fertiliser (44.2 percent), with single super-based products next with 27.0 percent. Liquid fertilisers were third at 14.3 percent and triple

super-phosphate close behind at 13.3 percent. 'Suspensions' were at the bottom of the scale at 1.1 percent. There was some important variation between Provincial Land Districts and farm types. (Tables 7K, 7L).

(g) Respondents' most recent source of advice when applying fertiliser to pasture.

A total of 35 percent of respondents said they did not seek any advice at all while 28.6 percent used a Ministry of Agriculture and Fisheries advisor and 10.2 percent a fertiliser company representative; 9.1 percent sought advice from a soil testing firm and 7.6 percent from a private consultant. Figures varied somewhat according to Provincial Land District and farm type. (Tables 7M, 7N).

(h) Respondents' view on importance of physical and handling properties.

Over half of respondents (50.9 percent) regarded this as being 'important', 33.4 percent as 'very important', 12.6 percent as 'neutral', and 3.1 percent as having 'no importance'. (Tables 7O, 7P).

(i) Respondents' view on importance of cost per tonne.

The majority of respondents (69.3 percent) regarded the cost per tonne as being 'very important', and 24.4 percent as 'important'. Only 4.6 percent were 'neutral' and 1.7 percent regarded it as having 'no importance'. (Tables 7Q, 7R).

(j) Respondents' view on importance of guaranteed solubility.

This was rated as being 'very important' by 40.4 percent and as 'important' by 46.5 percent, 11.4 percent of respondents remained 'neutral' and 1.7 percent regarded it as 'not important'. (Tables 7S, 7T).

(k) Respondents' view on importance of high concentration.

This was rated as 'important' by 37.9 percent of respondents' and 'neutral' by 30.6 percent; 24.0 percent regarded it as being 'very important', while 7.5 percent thought it had 'no importance' at all. (Tables 7U, 7V).

(l) Respondents' view on importance of the cost per kg. of soluble nutrients.

This was also rated as 'very important' by the largest percentage of respondents (49.0) and 'important' by 33.1 percent; 15.3 percent remained 'neutral' and 2.5 percent thought it as being of 'no importance'. (Tables 7W, 7X).

- (m) Respondents' view on importance of every granule containing the correct proportion of nutrient.

On average 34.0 percent rated this as 'important', while 27.6 percent remained 'neutral'; 23.9 percent thought it 'very important', and 14.5 percent viewed it as having 'no importance'. (Tables 7Y, 7Z).

- (n) Respondents' rating of satisfaction with the cost of fertiliser currently used.

Respondents were mainly dissatisfied (46.1 percent) and very dissatisfied (22.8 percent). (Tables 7AA, 7BB).

- (o) Respondents' rating of satisfaction with the percentage of available phosphorus in fertiliser currently used.

About half (50.1 percent) said they were 'satisfied', while 20.5 percent remained 'neutral', and 15.2 percent claimed to be dissatisfied. (Tables 7CC, 7DD).

- (p) Respondents' rating of satisfaction with the physical quality of fertiliser currently used.

The majority of respondents (59.3 percent) rated themselves as being 'satisfied' while 19.2 percent remained 'neutral'. (Tables 7EE, 7FF).

- (q) Respondents' rating of satisfaction with the concentration per tonne weight of fertiliser currently used.

Nearly half the respondents (47.2 percent) said they were either 'very satisfied' or 'satisfied' and 22.4 percent remained 'neutral'; 18.7 percent said they were 'dissatisfied'. (Tables 7GG, 7HH).

- (r) Respondents' rating of satisfaction with the quality of service provided by suppliers of fertiliser currently used.

A majority of respondents (54.4 percent) were 'satisfied' with the service, while 29.6 percent were 'very satisfied'. (Tables 7II, 7JJ).

8. Insurance

- (a) Person involved in respondents' general farm paperwork and insurance matters.

Overall the results show that the husband is the most involved with both the general farm paperwork and insurance matters. (Table 8A).

- (b) How often respondent would seek advice on fire and general insurances from various sources.

Nearly half of the respondents (48.4 percent) would always seek advice from their wife or husband, while 43.2 percent would always make the decision themselves. (Table 8B).

- (c) Opinion of insurance companies offering an office service only, with no visits to the farm.

Just over half of all respondents were opposed to an office service only, 26.8 percent held a favourable opinion and 21.3 percent held no opinion. (Table 8C).

- (d) Reasons for changing insurance companies within the last three years.

'Dissatisfaction with the previous company' was the main reason given for changing companies, with 'price' as the second and 'requirement of mortgage or finance' as the third. (Table 8D).

9. Radio

- (a) Frequency with which respondents listen to various radio programmes.

On average, results showed that respondents listen to farming programmes quite infrequently. The programme most listened to was 'Farm News' at 7 o'clock (26.5 percent of respondents listened to this five days a week), then 'Rural Report' (13.3 percent of respondents listened to this five days a week). Many respondents commented on the inconvenient times of these programmes (e.g. during milking in the mornings). (Tables 9A-9U).

- (b) Respondents' opinion on how important it is that Radio New Zealand continue to offer programmes about farming on both the National Programme and Commercial Stations.

A total of 45.1 percent thought it 'very important' that farming programmes continue. Another 29.5 percent thought it 'important', 20.0 percent remained 'neutral' and 5.3 percent thought it had 'no importance'. Two provinces showed above average signs of 'no importance' - Central Auckland (21.4 percent) and Westland (13.6 percent). (Tables 9V-9X).

10. Meat Industry

(a) Respondents' option as a payout method for meat.

A majority indicated they favoured full schedule payout at slaughter (70.7 percent on average), and 29.3 percent favoured an interim payment (say 90% at slaughter and a later payout of the residual). (Tables 10A-10C).

(b) Opinion of a "single seller" marketing system for meat (similar to the present system operated by the Dairy Board).

Overall, most respondents were 'favourable' towards this 'single seller' system for meat (59.4 percent). Some were 'opposed' (21.1 percent), while 19.4 percent had 'no opinion'. Of those who said they were opposed a classification by Provincial Land District showed that the largest percentage were in the Hawkes Bay Provincial Land District (47.3 percent). Respondents from the largest farms were the most opposed to the suggested system. (Tables 10D-10F).

(c) Respondents' last visit to a meat processing plant and inspection of all the facilities.

Within the last five years 27.9 percent of respondents had visited a plant, while 22.5 percent stated they never had; 20.1 percent had undertaken such a visit more than ten years ago, and 17.8 percent within the last year. These figures varied somewhat from the averages according to Provincial Land Districts. (Tables 10G-10I).

(d) Respondents' option to suggested improvements in the system of lamb marketing that has operated over the last five years.

On average, 35.4 percent of respondents wanted one selling organisation for all markets; 23.6 percent wanted one for particular markets and multiple sellers for traditional markets, while 22 percent had no opinion; 10.1 percent wanted multiple sellers for all markets and 9.0 percent opted for the continuation of the system operative over the last five years. Results varied somewhat according to the Provincial Land District of the farmer respondents. (Tables 10J-10L).

- (e) Opinion on the imposition of a minimum price below which lamb could not be sold to overseas importers.

Respondents were generally favourable towards this (49.0 percent on average), 29.5 percent had 'no opinion' and 21.5 percent were 'opposed'. By size of farm, respondents from the largest enterprises were the greatest supporters (60%). (Tables 10M-10O).

- (f) Opinion of the suggestion that there be restrictions on the rights of farmers to sell through traditional exporters.

Respondents were generally opposed to this suggestion (43.5 percent on average), 38.7 percent had 'no opinion', while 17.8 percent favoured it. (Tables 10P-10R).

11. Farmer Opinion on Various Issues

- (a) Assessment of the rate of effectiveness over the last two years of farmer co-operative organisations controlled by farmer directors.

Many respondents rated their performance as 'effective' (43.9 percent on average) and 27.7 percent as 'so-so', while 14.8 percent thought the effectiveness of farmer co-operative directors be rated as 'very effective'; 6.2 percent of respondents gave them a rating of 'ineffective' or 'very ineffective'. Dairy farmer respondents accorded the directors a higher rating than did sheep-beef or cropping farmers. (Tables 11A-11C).

- (b) The rate of inflation.

The average of the rates of internal inflation predicted by respondents for the next twelve months was 13.5 percent. The "twelve months" in question would in most cases be the last quarter of 1982 and the first three quarters of 1983. (Tables 11D-11F).

- (c) The twelve month wage, price and rent freeze imposed by the Government on 22nd June 1982.

The majority of respondents' reaction to this was 'favourable' (86.5 percent on average); 8.7 percent were 'opposed' and 4.8 percent expressed 'no opinion'. (Tables 11G-11I).

- (d) The effect of the freeze on the financial position of farming in the short term (within the next year).

Many respondents assessed that it will 'strengthen it' (63.6 percent on average), 7.4 percent that it will 'weaken it', and 29.0 percent that it will do 'neither'. (Tables 11J-11L).

- (e) The effect of the freeze on the financial position of farming in the longer term (within the next five to ten years).

29.8 percent, on average, of respondents assessed that it will 'strengthen it', 21.9 percent that it will 'weaken it' and 48.3 percent that it will do 'neither'. (Tables 11M-11O).

- (f) Preference for the option of a high return on investment in land and a low capital gain upon sale OR a low return on investment in land and a high capital gain upon sale.

The majority of respondents preferred a high return and low capital gain (86.2 percent), while the remaining 13.8 percent preferred a low return and high capital gain. (Tables 11P-11R).

12. Capital Structure and Investment

- (a) Values of assets of respondents as at 30th June 1982.

The average value that respondents placed on their farmland was \$466,055, 'other farm assets' \$102,066 and 'off-farm' assets \$30,514. (Tables 12A, 12B).

- (b) Distribution of liabilities as at end of 1981-82 season.

An analysis of these, based on the number of valid observations stated, is set out in Table 12C. (Table 12C).

- (c) New loans obtained during the 1981-82 production season.

During the 1981-82 production season, of the new loans declared by respondent farmers, the over-all average was \$36,130. Some of the highest loans were from Trustee Savings Banks (\$93,421 average) and Trust Companies (\$70,223 average) at interest rates around 15 percent, mostly for a medium term. (Table 12D).

- (d) Main reasons for additional medium and long term borrowing in 1980-81.

The main reason for additional medium and long term borrowing in 1980-81 was for the financing of farm development. (Table 12E).

- (e) Ability to borrow money required during the 1981-82 season.

Only 8.3 percent of respondents stated they were unable to secure the finance they were seeking. (Table 12F).

- (f) Average amount which respondent was unable to borrow.

An analysis of this, based on the number of valid observations stated, is set out in Table 12G. (Table 12G).

- (g) Reasons given for declining funds.

Reasons given for being unable to secure finance included 'no funds available' (6 percent) and 'Income not sufficient' (3 percent). (Table 12H).

- (h) During the 1981-82 season did respondent either:

Not borrow but believe he could have obtained finance if required
OR borrowed finance but believed that if required could have borrowed more.

The majority of respondents (67 percent), answered 'Yes' to this question. (Table 12I).

- (i) Why respondent did not borrow more finance during 1981-82.

The main reason given was 'didn't want to increase indebtedness' by 40 percent of respondents. (Table 12J).

13. Personal

- (a) Age of respondent.

The average age of respondents was 44.2 years. (Tables D1, D2).

- (b) Sex of respondent.

This was predominantly male (95.8 percent). (Tables E1, E2).

- (c) Education.

About half of respondents had reached secondary school level; 18.8 percent of these had obtained school certificate and 9.0 percent University Entrance. (Tables F1, F2).

- (d) Tertiary Education.

Most respondents had no tertiary education; a large percentage of

those who did, received it at either Lincoln College or Massey University. There was a clear correlation between the increasing age of the respondent and decreasing likelihood of having received tertiary education. (Tables G1-G10).

(e) Overseas travel to observe farming.

A total of 39.1 percent of respondents had at some time travelled abroad to observe farming in other countries. (Tables H1, H2).

IV. TABLES OF RESULTS

Notes:

1. Due to rounding of data, percentages may not always sum to 100.
2. Where the percentage change between two physical measures is expressed, rounding of the physical data (for the purpose of presentation) may make the percentage changes presented appear slightly inaccurate; however these percentage changes are, within their roundings, correct.
3. National averages are usually calculated by the method used to compute the population mean (that is, the sum of results for all observations divided by the total number of observations). Where weightings are used in conjunction with this method these weightings are explained by way of notes below the tables.
4. Most of the results of the survey are presented here in tabulated form. Additional information has been given to the organisations who helped to meet the costs of the survey. Some information is not presented in tabulated form but appears as national averages in the conclusions.

TABLE 1A

Average Expected Number of Cows in Milk Per Herd
at End of 1982 Compared with End 1981 -
By Provincial Land District and Overall

	No. of valid observations	End 1981	End 1982	% Change
<u>North Island</u>				
1. Northland	72	129	134	+ 3.9
2. Central Auckland	12	97	104	+ 7.2
3. South Auckland -				
4. Bay of Plenty	239	159	169	+ 6.3
5. East Coast	3	188	214	+13.8
6. Hawkes Bay	11	107	113	+ 5.6
7. Taranaki	98	137	142	+ 3.6
8. Wellington	34	132	135	+ 2.3
<u>South Island</u>				
9. Marlborough	3	107	110	+ 2.8
10. Nelson	12	105	118	+12.4
11. Westland	7	132	148	+12.1
12. Canterbury	9	93	96	+ 3.2
13. Otago	9	82	89	+ 8.5
14. Southland	2	79	87	+10.1
	511			
New Zealand Average		142	149	+ 4.9

TABLE 1B

Average Expected Milkfat Per Cow in 1982/83 Season
 Compared with 1981/82 Season -
 By Provincial Land District and Overall

	No. of valid observations	1981 - 82 (Kilograms)	1982 - 83 (Kilograms)	% Change
<u>North Island</u>				
Northland	72	128	139	+ 8.6
Central Auckland	12	180	184	+ 2.2
South Auckland - Bay of Plenty	239	154	157	+ 1.9
East Coast	3	202	205	+ 1.5
Hawkes Bay	11	163	169	+ 3.7
Taranaki	98	149	157	+ 5.4
Wellington	34	150	152	+ 1.3
<u>South Island</u>				
Marlborough	3	208	230	+10.6
Nelson	12	138	148	+ 7.2
Westland	7	150	155	+ 3.3
Canterbury	9	175	181	+ 3.4
Otago	9	177	176	- 0.1
Southland	2	183	188	+ 2.7
	511			
New Zealand Average		151	155	+ 2.6

TABLE 2A

Average Estimated Breeding Ewe Numbers at 30 June 1982
 Compared with Mid 1981 -
 By Provincial Land District and Overall

	No. of valid observations	Mid 1981	Mid 1982	% Change
<hr/>				
<u>North Island</u>				
Northland	61	795	881	+10.8
Central Auckland	13	845	892	+ 5.6
South Auckland - Bay of Plenty	150	1562	1659	+ 6.2
East Coast	33	2471	2614	+ 5.8
Hawkes Bay	80	2506	2563	+ 2.3
Taranaki	48	1762	1815	+ 3.0
Wellington	131	2218	2309	+ 4.1
<u>South Island</u>				
Marlborough	29	1924	1954	+ 1.6
Nelson	21	1231	1284	+ 4.3
Westland	15	895	834	- 6.8
Canterbury	158	1973	1974	+ 0.1
Otago	116	2646	2867	+ 8.3
Southland	85	1966	2021	+ 2.8
	940			
New Zealand		1947	2026	+ 4.1
<hr/>				

TABLE 2B

Average Estimated Breeding Ewe Hogget Numbers
at 30 June 1982 Compared with Mid 1981 -
By Provincial Land District and Overall

	No. of valid observations	Mid 1981	Mid 1982	% Change
<u>North Island</u>				
Northland	61	268	325	+21.3
Central Auckland	13	207	210	+ 1.4
South Auckland - Bay of Plenty	150	574	509	-11.3
East Coast	33	826	834	+ 1.0
Hawkes Bay	80	871	825	- 5.3
Taranaki	48	626	604	- 3.5
Wellington	131	742	766	+ 3.2
<u>South Island</u>				
Marlborough	29	548	565	+ 3.1
Nelson	21	401	358	-10.7
Westland	15	227	224	- 1.3
Canterbury	158	564	536	- 5.0
Otago	116	763	764	+ 0.1
Southland	85	632	554	-12.3
	940			
National Average		625	605	- 3.2

TABLE 2C

Average Estimate of Ewe Hoggets Mated,
Autumn 1982 Compared with Autumn 1981 -
By Provincial Land District and Overall

	No. of valid observations	Autumn 1981	Autumn 1982	% Change
<hr/>				
<u>North Island</u>				
Northland	61	101	187	+85.1
Central Auckland	13	8	8	0.0
South Auckland - Bay of Plenty	150	129	135	+ 4.7
East Coast	33	114	140	+22.8
Hawkes Bay	80	235	271	+15.3
Taranaki	48	33	42	+27.3
Wellington	131	59	74	+25.4
<u>South Island</u>				
Marlborough	29	35	41	+17.1
Nelson	21	73	90	+23.3
Westland	15	68	37	-45.6
Canterbury	158	74	43	-41.9
Otago	116	65	68	+ 4.6
Southland	85	33	46	+40.0
	940			
National Average		88	98	+11.4
<hr/>				

TABLE 2D

General Attitudes toward Fat Lamb Production Policy
Over the Past 10 Years -
By Provincial Land District

	No. of valid observations	To Increase Production %	To Maintain Production %	To Decrease Production %
<hr/>				
<u>North Island</u>				
Northland	39	53.8	41.0	5.1
Central Auckland	11	72.7	27.3	0.0
South Auckland - Bay of Plenty	125	64.8	31.2	4.0
East Coast	30	93.3	6.7	0.0
Hawkes Bay	78	65.4	29.5	5.1
Taranaki	42	50.0	42.9	7.1
Wellington	120	56.7	40.8	2.5
 <u>South Island</u>				
Marlborough	24	83.3	8.3	8.3
Nelson	21	52.4	42.9	4.8
Westland	14	57.1	21.4	21.4
Canterbury	150	74.0	24.0	2.0
Otago	115	79.1	19.1	1.7
Southland	84	67.9	28.6	3.6
	853			
National Average		67.5	28.8	3.6
<hr/>				

TABLE 2E

Relevance of Each of the Following Factors to Respondent's Fat Lamb
Production Policy over the Past 10 Years (National Figures)

	No. of valid observations	Very Important %	Important %	Neutral %	Unimportant %	Very Unimportant %
Changes in the price of lamb	834	43.3	39.2	12.1	4.4	1.0
Guaranteed price for lamb	833	35.8	38.1	18.4	5.9	1.9
Changes in wool price	829	33.4	38.1	18.7	8.8	1.0
Changes in beef price	799	19.8	31.3	20.8	17.3	10.9
Rising on-farm costs	833	60.9	22.6	11.2	4.3	1.1
Changes in labour availability	812	4.9	11.0	28.7	39.8	15.6
Changes in killing & freezing charges	830	42.3	31.1	17.7	7.8	1.1
Changes in transport costs to works	827	33.1	30.5	23.2	11.2	1.9
Changes in external market conditions	821	31.3	32.4	24.5	9.4	2.4
Changes in farm size	801	7.6	13.5	29.2	27.1	22.6
Desire to diversify to horticulture	801	1.6	3.0	16.2	24.8	54.3
Personal preferences	794	14.9	37.2	27.1	12.1	8.8
Introduction of irrigation	784	4.8	5.0	14.7	21.4	54.1
Desire for greater income	830	52.8	33.5	8.8	3.4	1.6
Pride in your stock	826	49.0	38.1	8.8	2.9	1.1
Nearing retirement	790	3.9	8.6	18.4	25.3	43.8
Other	485	15.3	4.7	5.8	3.5	70.7

TABLE 2F

Actual Fat-Lamb Production Trend over the Last 10 Years -
By Provincial Land District

	No. of valid observations	% Increased	% Maintained	% Decreased
<u>North Island</u>				
Northland	38	47.4	34.2	18.4
Central Auckland	9	66.7	33.3	0.0
South Auckland - Bay of Plenty	125	61.6	28.8	9.6
East Coast	30	83.3	13.3	3.3
Hawkes Bay	78	57.7	33.3	9.0
Taranaki	41	65.9	24.4	9.8
Wellington	121	65.3	24.8	9.9
<u>South Island</u>				
Marlborough	25	76.0	16.0	8.0
Nelson	20	75.0	20.0	5.0
Westland	14	50.0	28.6	21.4
Canterbury	148	74.3	21.6	4.1
Otago	115	80.0	16.5	3.5
Southland	83	74.7	21.7	3.6
	847			
New Zealand Average		68.7	24.0	7.3

TABLE 2G

Average Estimated Beef Breeding Cows in Herd
at 30 June 1982 Compared with Mid 1981 -
By Provincial Land District and Overall

	No. of valid observations	Mid 1981	Mid 1982	% Change
<hr/>				
<u>North Island</u>				
Northland	59	107	101	- 5.6
Central Auckland	13	46	36	-21.7
South Auckland - Bay of Plenty	150	66	61	- 7.6
East Coast	33	184	177	- 3.8
Hawkes Bay	78	97	88	- 9.3
Taranaki	48	73	67	- 8.2
Wellington	130	75	70	- 6.7
 <u>South Island</u>				
Marlborough	29	54	53	- 1.8
Nelson	21	40	29	-27.5
Westland	15	75	58	-22.7
Canterbury	158	37	32	-13.5
Otago	117	49	41	-16.3
Southland	85	22	22	0.0
	936			
National Average		65	59	- 9.2
<hr/>				

TABLE 2H

Average Estimated Beef Breeding Heifers in Herd
at 30 June 1982 Compared with Mid 1981 -
By Provincial Land District and Overall

	No. of valid observations	Mid 1981	Mid 1982	% Change
<hr/>				
<u>North Island</u>				
Northland	59	22	21	- 4.5
Central Auckland	13	8	6	-25.0
South Auckland- Bay of Plenty	150	16	15	- 6.2
East Coast	33	40	37	- 7.5
Hawkes Bay	78	31	26	-16.1
Taranaki	48	19	17	-10.5
Wellington	130	21	21	0.0
 <u>South Island</u>				
Marlborough	29	16	9	-43.7
Nelson	21	7	4	-42.9
Westland	15	9	8	-11.1
Canterbury	158	5	6	+20.0
Otago	117	7	7	0.0
Southland	85	3	4	+33.3
	936			
National Average		15	14	- 6.7
<hr/>				

TABLE 3A

Erection of New Fencing (in metres) in the
1981-82 Season and the 1982-83 Season -
By Provincial Land District

	No. of valid observations	1981-82	1982-83	% Change
<u>North Island</u>				
Northland	144	745	612	-17.8
Central Auckland	28	564	289	-48.8
South Auckland- Bay of Plenty	424	661	666	+ 0.8
East Coast	41	1006	957	- 4.9
Hawkes Bay	93	1009	828	-17.9
Taranaki	154	558	601	+ 7.7
Wellington	174	1008	787	-21.9
<u>South Island</u>				
Marlborough	34	1164	611	-47.5
Nelson	38	909	973	+ 7.0
Westland	23	1359	1286	- 5.4
Canterbury	218	1065	963	- 9.6
Otago	132	1392	1284	-17.8
Southland	99	747	810	+ 8.4
	1602			
National Average		869	792	- 8.9

TABLE 3B

Erection of New Fencing (in metres) in the 1981-82 Season and the 1982-82 Season
By Farm Type

	No. of valid observations	1981-82	1982-83	% Change
Dairy	512	482	484	0.4
Sheep/Beef	940	1115	977	-12.4
Cropping	21	612	359	-41.3
Other	131	657	758	+15.4
	1604			
National Average		869	792	- 8.9

TABLE 4A

The Three Most Important Factors Limiting
Expansion of Output

FACTORS	Relative Frequency As 1st Factor %	Relative Frequency As 2nd Factor %	Relative Frequency As 3rd Factor %	Relative Frequency As % of All Factors %
1. Finance - its availability	12.0	2.7	1.5	5.6
2. Finance - its cost	19.2	10.9	5.4	12.3
3. Income tax levels	13.0	7.3	5.3	8.8
4. Death duty levels	0.6	1.5	0.7	1.0
5. Adverse climate	7.3	5.8	3.7	5.8
6. Availability of trained labour	1.9	1.9	0.4	1.5
7. Cost of trained labour	3.6	4.5	2.4	3.6
8. Cost of providing housing for additional labour	0.9	1.2	1.3	1.2
9. Cost of additional farm inputs	7.4	13.4	8.7	10.2
10. Instability of farm product prices	4.0	8.2	5.6	6.2
11. Size of farm	8.8	7.1	4.7	7.1
12. Your age and state of health	2.1	3.9	5.8	4.1
13. The productive limitations of type of land	5.5	8.2	9.3	7.9
14. Pests and/or weeds	0.7	1.6	2.6	1.7
15. Animal diseases	0.5	0.9	0.7	0.7
16. Industrial unrest in industries servicing farming	1.9	4.7	8.5	5.2
17. Inadequate profits from expanded output	6.9	9.7	16.4	11.4
18. Availability and/or cost of transport of inputs and output	0.4	0.7	2.1	1.1
19. High cost of farm machinery	0.3	1.6	4.1	2.1
20. Disappointing performance of your animals	0.5	1.1	2.8	1.5
21. Others	0.7	0.6	2.3	0.9
	100	100	100	100
No. of valid observations	1585	1572	1527	4684

TABLE 4B

The Three Most Important Factors Limiting
Expansion of Output -
By Age of Farmer

FACTOR	Relative Frequency %				No. of valid observations
	35 Years and Under	36-50 Years	51-60 Years	Over 60 Years	
1. Finance - its availability	8.3	5.2	3.9	3.2	254
2. Finance - its cost	14.1	13.1	10.2	8.1	565
3. Income tax levels	6.1	8.2	12.4	10.5	405
4. Death duty levels	0.4	0.7	1.8	1.9	44
5. Adverse climate	6.5	6.1	5.3	3.5	266
6. Availability of trained labour	1.2	1.6	1.2	2.4	67
7. Cost of trained labour	3.0	4.2	2.9	4.0	165
8. Cost of housing for additional labour	1.3	1.1	1.2	1.1	54
9. Cost of additional farm inputs	11.3	10.3	9.8	8.3	472
10. Instability of farm product prices	7.6	5.9	4.8	7.0	283
11. Size of farm	6.6	7.3	7.3	6.7	324
12. Age and state of health	0.4	2.7	8.0	12.6	189
13. Productive limitations of type of land	8.6	8.8	7.0	4.8	367
14. Pests and/or weeds	2.3	1.3	2.0	1.1	77
15. Animal diseases	0.6	0.8	0.7	0.5	33
16. Industrial unrest	4.1	4.8	6.6	7.8	241
17. Inadequate profits from expanded output	11.2	12.4	9.8	10.5	522
18. Availability and/or cost of transport of inputs and outputs	1.2	0.9	1.3	1.1	50
19. High cost of farm machinery	2.0	2.0	1.8	3.2	94
20. Others	3.1	2.6	2.1	1.6	117
	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	
No. of valid observations	1155	2041	1021	372	4589

TABLE 4C

The Most Important Factors Limiting Expansion of Output -
By Farm Type

	Relative Frequency (%)				No. of valid observations
	Dairy	Sheep /Beef	Cropping	Other	
1. Finance - its availability	6.8	4.7	6.6	7.0	262
2. Finance - its cost	12.9	11.7	9.8	14.0	574
3. Income tax levels	11.0	7.4	11.5	9.8	412
4. Death duty levels	0.8	1.1	1.6	1.0	47
5. Adverse climate	5.6	6.0	6.6	5.0	271
6. Availability of trained labour	2.5	0.9	1.6	1.8	69
7. Cost of trained labour	4.1	3.2	6.6	4.1	169
8. Cost of housing for additional labour	2.1	0.6	0.0	1.3	54
9. Cost of additional farm inputs	9.4	11.0	3.3	8.5	478
10. Instability of farm product prices	2.0	8.1	6.6	8.3	288
11. Size of farm	9.1	6.4	6.6	4.4	332
12. Age and state of health	6.0	3.0	4.9	3.9	189
13. Productive limitations of type of land	8.5	8.0	1.6	6.5	371
14. Pests and/or weeds	1.8	1.7	4.9	1.0	80
15. Animal diseases	1.1	0.5	0.0	0.8	34
16. Industrial unrest	2.0	6.8	3.3	6.7	245
17. Inadequate profits from expanded output	7.5	13.6	8.2	10.4	532
18. Availability and/or cost of transport of inputs and outputs	1.0	1.0	4.9	1.5	51
19. High Cost of farm machinery	2.3	1.7	9.8	2.3	97
20. Other	3.2	2.4	1.6	1.5	121
	100	100	100	100	

TABLE 4D

The Most Important Factors Limiting Expansion of Output -
By Provincial Land District¹

	1	2	3	4	5	6	7	8	9	10	11	12	13
1. Available Finance	6.5	2.4	7.0	6.0	4.3	5.9	5.1	7.1	3.6	10.3	4.8	2.8	4.8
2. Cost finance	10.9	12.1	12.8	14.7	11.9	11.6	11.4	13.1	13.4	14.7	12.4	12.9	11.0
3. Income Tax	3.9	4.9	10.9	5.2	10.8	8.9	9.1	1.0	3.6	8.8	9.1	9.9	9.6
4. Death duty	0.2	0.0	0.7	0.0	2.2	0.9	2.2	1.0	0.0	0.0	1.1	1.3	1.0
5. Climate	7.3	3.7	3.6	6.0	5.4	3.2	4.5	9.1	7.1	7.4	10.5	8.4	4.1
6. Labour	2.2	1.2	1.8	1.7	1.4	3.0	1.6	0.0	1.8	0.0	0.5	0.8	0.7
7. Cost labour	2.7	2.4	4.3	5.2	3.6	4.6	2.8	4.0	6.2	5.9	2.5	3.8	2.4
8. Housing labour	1.4	1.2	1.4	4.3	1.1	1.8	0.6	0.0	2.7	4.4	0.1	0.8	0.3
9. Cost inputs	14.3	8.5	10.8	9.5	11.5	11.2	10.1	11.1	12.5	5.9	8.0	8.9	6.9
10. Unstable prices	5.8	3.7	5.1	9.5	4.3	3.7	8.1	4.0	4.5	7.4	7.6	7.9	7.9
11. Farm size	7.7	8.5	7.4	6.0	6.8	9.8	7.3	7.1	6.2	4.4	5.3	5.3	7.9
12. Age, health	5.8	4.9	4.5	1.7	4.3	5.9	4.1	8.1	5.4	8.8	2.2	1.5	1.7
13. Land type	9.7	14.6	7.8	9.5	9.0	8.2	8.9	9.1	5.4	4.4	6.2	7.4	6.5
14. Pests, weeds	3.6	1.2	1.5	0.9	1.8	1.6	1.0	7.1	3.6	2.9	1.5	0.2	1.4
15. Diseases	0.2	2.4	1.4	0.9	0.0	0.7	0.8	0.0	0.9	1.5	0.0	0.5	0.7
16. Industry unrest	3.1	8.5	3.6	1.7	6.8	4.1	3.9	1.0	1.8	1.5	6.3	9.4	13.7
17. Lack of Profits	8.5	11.0	10.0	11.2	11.9	8.7	12.8	13.1	14.3	5.9	14.4	13.2	13.1
18. Transport	0.7	3.7	1.1	0.9	0.4	0.9	1.4	2.0	3.6	1.5	0.6	1.0	1.4
19. Cost machines	2.4	2.4	1.6	0.9	0.7	2.0	0.8	1.0	0.9	0.0	4.9	2.5	2.1
20. Others	2.9	2.4	2.6	4.3	1.8	3.2	3.6	1.0	2.7	4.4	1.9	1.5	2.7
No. of valid observations	413	82	1224	116	278	438	507	99	112	68	646	394	291

¹ See Table 1A for Key to Provincial Land Districts

TABLE 5A

Indications of the "Most Effective Expansion Incentive" -
By Provincial Land District¹

	1	2	3	4	5	6	7	8	9	10	11	12	13	Overall
1. Reduction in Income tax	11.1	0.0	25.1	12.8	15.1	22.1	24.2	6.3	5.3	10.0	17.6	17.6	12.2	18.6
2. Reduction in death duties	0.0	0.0	0.2	0.0	1.1	0.7	2.4	0.0	0.0	5.0	0.0	0.8	1.0	0.6
3. Increased subsidy to reduce cost of fertiliser	31.1	29.6	12.3	30.8	11.8	17.2	11.5	18.8	23.7	20.0	7.6	12.2	18.4	15.3
4. Cash grant for each head of sheep and/or cattle	0.0	3.7	0.7	0.0	0.0	1.4	0.6	0.0	0.0	5.0	1.4	0.8	2.0	0.9
5. Higher supplementary minimum prices	3.0	3.7	2.5	0.0	3.2	4.1	3.6	6.3	7.9	5.0	3.8	3.1	4.1	3.4
6. Reduction in inflation rate	42.2	51.9	43.7	35.9	54.8	37.2	41.2	59.4	42.1	45.0	54.8	49.6	44.9	45.7
7. Increased availability of farm credit	2.2	0.0	2.2	5.1	1.1	2.8	3.0	0.0	2.6	5.0	2.4	0.0	0.0	2.0
8. Reduction in cost of farm credit	3.0	11.1	5.7	2.6	4.3	6.2	4.8	6.3	5.3	5.0	4.3	6.9	6.1	5.3
9. Intensify research into on-farm problems	1.5	0.0	2.9	2.6	2.2	4.8	1.8	0.0	2.6	0.0	2.9	3.8	5.1	2.9
10. Less Government involvement in farming	2.2	0.0	1.7	7.7	5.4	0.7	1.2	0.0	5.3	0.0	2.4	1.5	1.0	2.0
11. Increased extension facilities	0.0	0.0	1.2	0.0	0.0	1.4	0.6	0.0	0.0	0.0	0.0	1.5	0.0	0.6
12. Others	3.6	0.0	1.6	2.6	1.1	1.4	4.8	3.1	5.2	0.0	3.0	2.4	5.0	2.6
No. of valid observations	135	27	407	39	93	145	165	32	38	20	210	131	98	1540

¹ See Table 1A for Key to Provincial Land Districts

TABLE 5B

Indications of the Most Effective Expansion Incentive -
By Farm Type

	% Dairy	% Sheep /Beef	% Cropping	% Dairy Sheep /Beef	% Sheep /Beef Cropping	% Dairy Cropping	% Dairy Sheep /Beef Cropping Other	% Other	% All Types
1. Reduction in income tax	28.9	13.7	31.6	9.4	13.7	0.0	0.0	17.9	18.6
2. Reduction in death duties	0.4	0.8	0.0	0.0	3.9	0.0	0.0	0.0	0.6
3. Increased subsidy to reduce cost of fertiliser	14.4	16.6	0.0	18.8	7.8	0.0	14.3	10.3	15.3
4. Cash grant for each head of sheep and/or cattle	0.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.9
5. Higher supplementary minimum prices	1.9	4.4	0.0	3.1	2.0	0.0	0.0	2.6	3.4
6. Reduction in inflation rate	37.3	49.1	52.6	53.1	56.9	100.0	42.9	43.6	45.7
7. Increased availability of farm credit	3.5	1.2	0.0	0.0	2.0	0.0	0.0	5.1	2.0
8. Reduction in cost of farm credit	5.6	5.0	5.3	6.3	3.9	0.0	28.6	5.1	5.3
9. Intensify research into on-farm problems	3.9	2.5	0.0	3.1	0.0	0.0	14.3	0.0	2.9
10. Less Government involvement in farming	1.2	2.1	10.5	0.0	3.9	0.0	0.0	5.1	2.0
11. Increased extension facilities	1.2	0.3	0.0	3.1	0.0	0.0	0.0	0.0	0.6
12. Others	1.2	3.0	0.0	3.1	5.9	0.0	0.0	10.2	2.6
No. of valid observations	485	908	19	32	51	1	7	39	1542

TABLE 5C

Indications of the "Most Effective Expansion Incentive" -
By Age of Farmer

Expansion Incentive	Relative Frequency %				
	35 years and under	36-50 Years	51-60 Years	Over 60 Years	All Ages
1. Reduction in income tax	13.9	19.1	20.8	22.8	18.4
2. Reduction in death duties	0.8	0.0	1.8	1.6	0.7
3. Increased subsidy to reduce cost of fertiliser	14.9	13.7	17.8	19.5	15.4
4. Cash grant for each head of sheep and/or cattle	0.3	1.2	1.5	0.0	0.9
5. Higher supplementary minimum prices	3.9	3.1	3.6	3.3	3.4
6. Reduction in inflation rate	46.3	47.6	42.5	41.5	45.6
7. Increased availability of farm credit	2.8	1.5	2.1	2.4	2.0
8. Reduction in cost of farm credit	5.4	6.1	4.2	1.6	5.2
9. Intensify research into on-farm problems	5.1	2.7	1.5	0.8	2.9
10. Less government involve- ment in farming	2.3	2.1	1.5	2.4	2.0
11. Increase extension facilities	1.0	0.6	0.6	0.0	0.7
12. Others	3.3	2.2	2.1	4.0	2.9
No. of valid observations	389	670	332	123	1514

TABLE 6A

Percentage of Farm Regarded as Ploughable -
By Provincial Land District

	No. of valid observations	Under 25%	25-50%	50-75%	75-100%
<u>North Island</u>					
Northland	142	22.5	24.6	26.1	26.8
Central Auckland	28	32.1	14.3	17.9	35.7
South Auckland	419	16.0	16.5	23.9	43.7
- Bay of Plenty					
East Coast	40	67.5	10.0	7.5	15.0
Hawkes Bay	96	31.3	9.4	35.4	24.0
Taranaki	148	18.2	12.8	25.0	43.9
Wellington	173	37.6	15.6	18.5	28.3
<u>South Island</u>					
Marlborough	34	52.9	14.7	8.8	23.5
Nelson	38	34.2	23.7	13.2	28.9
Westland	23	21.7	13.0	17.4	47.8
Canterbury	217	11.1	4.6	10.1	74.2
Otago	132	15.9	10.6	30.3	43.2
Southland	99	3.0	3.0	17.2	76.8
	1589				
National Average		21.5	13.3	21.3	43.9

TABLE 6B

Percentage of Farm Regarded as Ploughable -
By Farm Type

	No. of valid observations	Under 25%	25-50%	50-75%	75-100%
Dairy	507	4.1	8.9	27.8	59.2
Sheep/Beef	935	32.6	15.6	18.9	32.8
Cropping	21	0.0	0.0	4.8	95.2
Other	128	11.7	15.6	17.2	55.5
	1591				
National Average		21.4	13.3	21.4	43.8

TABLE 6C

Pasture Improvement Programme Carried Out -
By Provincial Land District

	No. of valid observations	Yes %	No %
<hr/>			
<u>North Island</u>			
Northland	144	54.9	45.1
Central Auckland	28	53.6	46.4
South Auckland - Bay of Plenty	421	70.1	29.9
East Coast	41	68.3	31.7
Hawkes Bay	96	69.8	30.2
Taranaki	150	57.3	42.7
Wellington	171	70.8	29.2
<u>South Island</u>			
Marlborough	33	72.7	27.3
Nelson	38	89.5	10.5
Westland	23	65.2	34.8
Canterbury	217	87.6	12.4
Otago	132	80.3	19.7
Southland	99	81.8	18.2
	1593		
National Average		71.6	28.4
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TABLE 6D

Pasture Improvement Programme Carried Out -
By Farm Type

	No. of valid observations	Yes %	No %
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Dairy	508	71.5	28.5
Sheep/Beef	936	72.1	27.9
Cropping	21	57.1	42.9
Other	130	70.8	29.2
	1595		
National Average		71.6	28.4
<hr/>			

TABLE 6E

Area of Pasture Improvement in 1981-82
and 1982-83 Seasons (in hectares) -
By Provincial Land District

	No. of valid observations	1981-82 season	1982-83 season
<hr/>			
<u>North Island</u>			
Northland	144	9.2	9.1
Central Auckland	28	4.7	3.4
South Auckland - Bay of Plenty	419	9.4	8.7
East Coast	41	32.9	25.5
Hawkes Bay	96	18.4	16.6
Taranaki	151	7.3	5.7
Wellington	173	12.6	12.5
 <u>South Island</u>			
Marlborough	34	44.8	32.4
Nelson	38	9.2	12.0
Westland	23	15.8	9.4
Canterbury	217	22.8	24.2
Otago	133	26.5	27.3
Southland	99	13.9	12.6
	1596		
National Average		15.0	14.2
<hr/>			

TABLE 6F

Area of Pasture Improvement in 1981-82
and 1982-83 Seasons (in hectares) -
By Farm Type

	No. of valid observations	1981-82 season	1982-83 season
<hr/>			
Dairy	507	6.3	6.0
Sheep/beef	938	19.8	18.2
Cropping	21	18.6	21.9
Other	132	13.7	16.4
	1598		
National Average		15.0	14.2
<hr/>			

TABLE 6G

Method used in Pasture Improvement Programme -
By Provincial Land District

	No. of valid observations	Broadcast Seed %	Mechanical Cultivation %	Chemical Treatment %	Under Sowing %	More than One Method %
<u>North Island</u>						
Northland	94	20.2	17.0	13.8	11.7	37.2
Central Auckland	17	5.9	35.3	5.9	11.8	41.2
South Auckland - Bay of Plenty	310	13.9	27.1	4.8	25.5	28.7
East Coast	32	37.5	25.0	6.3	3.1	28.1
Hawkes Bay	69	20.3	52.2	1.4	5.8	20.3
Taranaki	90	18.9	33.3	11.1	11.1	25.6
Wellington	131	12.2	58.8	1.5	3.1	24.4
<u>South Island</u>						
Marlborough	30	30.0	30.0	3.3	0.0	36.7
Nelson	34	11.8	38.2	5.9	2.9	41.2
Westland	19	21.1	26.3	5.3	5.3	42.1
Canterbury	198	3.5	53.5	2.5	5.1	35.4
Otago	116	5.2	61.2	4.3	4.3	25.0
Southland	85	7.1	70.6	2.4	2.4	17.6
	1225					
National Average		12.9	42.5	4.9	10.6	29.1

TABLE 6H

Method used in Pasture Improvement Programme -
By Farm Type

	No. of valid observations	Broadcast Seed %	Mechanical Cultivation %	Chemical Treatment %	Under Sowing %	More than One Method %
Dairy	382	10.7	33.8	6.0	21.7	27.7
Sheep/Beef	728	14.4	45.5	4.5	5.5	30.1
Cropping	14	7.1	42.9	0.0	0.0	50.0
Other	103	10.7	55.3	3.9	6.8	23.3
	1227					
National Average		12.9	42.6	4.9	10.6	29.0

TABLE 6I

Results of Pasture Improvement Undertaken -
By Provincial Land District

	No. of valid observations	Excellent %	Good %	Poor %	Disastrous %
<u>North Island</u>					
Northland	95	8.4	85.3	6.3	0.0
Central Auckland	19	0.0	89.5	5.3	5.3
South Auckland - Bay of Plenty	315	30.8	64.8	3.8	0.6
East Coast	32	28.1	62.5	9.4	0.0
Hawkes Bay	70	25.7	70.0	4.3	0.0
Taranaki	94	28.7	64.9	6.4	0.0
Wellington	142	31.7	63.4	4.9	0.0
<u>South Island</u>					
Marlborough	28	17.9	78.6	3.6	0.0
Nelson	35	8.6	85.7	5.7	0.0
Westland	20	15.0	70.0	15.0	0.0
Canterbury	196	17.9	77.6	4.6	0.0
Otago	120	26.7	70.8	2.5	0.0
Southland	84	28.6	69.0	2.4	0.0
	1250				
National Average		24.5	70.6	4.6	0.2

TABLE 6J

Results of Pasture Improvement Undertaken -
By Farm Type

	No. of valid observations	Excellent %	Good %	Poor %	Disastrous %
Dairy	386	33.2	64.0	2.6	0.3
Sheep/beef	749	19.5	75.2	5.1	0.3
Cropping	14	21.4	71.4	7.1	0.0
Other	102	28.4	63.7	7.8	0.0
	1251				
National Average		24.5	70.7	4.6	0.2

TABLE 6K

Main Type of Scrub and Brushweed -
By Provincial Land District

	No. of valid observations	Scattered %	Solid Blocks %	Both %	No Scrub or Brushweed %
<u>North Island</u>					
Northland	140	36.4	9.3	25.0	29.3
Central Auckland	28	25.0	17.9	7.1	50.0
South Auckland - Bay of Plenty	418	27.8	6.0	9.1	57.2
East Coast	40	37.5	2.5	30.0	30.0
Hawkes Bay	95	46.3	2.1	6.3	45.3
Taranaki	147	38.8	2.7	9.5	49.0
Wellington	171	37.4	3.5	14.0	45.0
<u>South Island</u>					
Marlborough	34	38.2	11.8	38.2	11.8
Nelson	37	48.6	13.5	27.0	10.8
Westland	21	28.6	9.5	42.9	19.0
Canterbury	215	32.6	4.2	10.2	53.0
Otago	133	47.4	6.0	14.3	32.3
Southland	98	37.8	6.1	8.2	48.0
	1577				
National Average		35.6	5.7	13.4	45.3

TABLE 6L

Main Type of Scrub and Brushweed -
By Farm Type

	No. of valid observations	Scattered %	Solid Blocks %	Both %	No Scrub or Brushweed %
Dairy	499	27.3	4.8	7.0	60.9
Sheep/Beef	931	41.4	6.2	17.0	35.4
Cropping	20	20.0	5.0	0.0	75.0
Other	129	29.5	5.4	14.0	51.2
	1579				
National Average		35.7	5.7	13.4	45.3

TABLE 6M

Area of Scrub and Brushweed (in hectares) -
By Provincial Land District

	No. of valid observations	Scrubweed	Gorse	Blackberry	Broom	Other Scrub
<u>North Island</u>						
Northland	144	5.9	3.8	2.2	0.0	5.0
Central Auckland	28	3.7	0.2	0.3	0.1	1.7
South Auckland - Bay of Plenty	424	1.6	0.9	0.7	0.0	3.5
East Coast	41	9.3	0.8	2.6	0.0	12.6
Hawkes Bay	96	6.0	1.3	1.7	0.0	6.9
Taranaki	151	3.1	1.1	0.4	0.0	2.0
Wellington	173	6.6	3.6	0.4	0.2	5.8
<u>South Island</u>						
Marlborough	34	17.0	6.2	1.0	3.8	11.1
Nelson	38	6.4	11.8	1.6	0.2	24.3
Westland	22	8.4	15.8	2.5	1.0	15.6
Canterbury	217	3.5	2.6	0.4	1.0	2.7
Otago	133	4.2	6.1	0.7	0.8	9.7
Southland	99	2.2	2.4	0.3	0.9	2.4
	1600					
National Average		4.2	2.8	0.9	0.4	5.3

TABLE 6N

Area of Scrub and Brushweed (in hectares) -
By Farm Type

	No. of valid observations	Scrubweed	Gorse	Blackberry	Broom	Other Scrub
Dairy	507	0.8	1.3	0.7	0.1	1.2
Sheep/beef	941	6.4	3.8	1.0	0.6	8.0
Cropping	21	0.9	0.3	0.0	0.0	0.2
Other	133	2.2	2.1	0.9	0.0	2.7
	1602					
National Average		4.2	2.8	0.9	0.4	5.3

TABLE 60

Scrub and Brushweed Cleared (in hectares)
in 1981-82, and Intending to Clear 1982-83 -
By Provincial Land District

	No. of valid observations	1981-82	1982-83	% Change
<u>North Island</u>				
Northland	145	5.3	4.1	-22.6
Central Auckland	27	1.8	1.8	0.0
South Auckland - Bay of Plenty	422	2.1	1.6	-23.8
East Coast	41	9.6	8.5	-11.5
Hawkes Bay	95	6.6	3.7	-43.9
Taranaki	153	4.3	1.9	-55.8
Wellington	173	6.7	5.0	-25.4
<u>South Island</u>				
Marlborough	34	20.2	5.1	-74.7
Nelson	38	14.4	8.0	-44.4
Westland	22	8.7	7.5	-13.8
Canterbury	218	2.4	1.9	-20.8
Otago	132	4.5	4.5	0.0
Southland	99	2.1	2.4	+14.3
	1599			
National Average		4.5	3.1	-31.1

TABLE 6P

Scrub and Brushweed Cleared (in hectares)
in 1981-82, and Intending to Clear 1982-83 -
By Farm Type

	No. of valid observations	1981-82	1982-83	% Change
Dairy	506	1.2	1.0	-16.7
Sheep/beef	941	6.6	4.5	-31.8
Cropping	21	1.1	3.9	-
Other	26	3.2	1.9	-40.6
	1494			
National Average		4.5	3.1	-31.1

TABLE 6Q

Method of Clearing Used -
By Provincial Land District

	No. of valid observations	Chemical %	Mechanical %	Both %	Other %	Did not Clear any Scrub %	No Scrub To Clear %
<u>North Island</u>							
Northland	140	18.6	15.7	20.7	6.4	13.6	25.0
Central Auckland	27	7.4	7.4	14.8	11.1	11.1	48.1
South Auckland - Bay of Plenty	410	14.6	10.5	9.3	3.7	5.6	56.3
East Coast	40	10.0	32.5	12.5	5.0	15.0	25.0
Hawkes Bay	90	11.1	22.2	8.9	3.3	6.7	47.8
Taranaki	152	28.9	9.9	3.9	6.6	5.9	44.7
Wellington	170	14.7	15.3	5.9	2.9	13.5	47.6
<u>South Island</u>							
Marlborough	32	12.5	25.0	25.0	12.5	15.6	9.4
Nelson	37	16.2	24.3	37.8	2.7	8.1	10.8
Westland	22	0.0	40.9	27.3	4.5	4.5	22.7
Canterbury	213	17.8	11.3	11.3	1.4	9.9	48.4
Otago	130	33.1	13.8	17.7	1.5	5.4	28.5
Southland	95	14.7	11.6	15.8	2.1	8.4	47.4
	1558						
National Average		17.7	14.1	12.2	3.9	8.6	43.5

TABLE 6R

Method of Clearing Used -
By Farm Type

	No. of valid observations	Chemical %	Mechanical %	Both %	Other %	Did not Clear Any Scrub %	No Scrub To Clear %
Dairy	495	16.8	6.7	10.1	1.4	6.3	58.8
Sheep/beef	918	18.5	18.0	14.1	5.1	10.1	34.2
Cropping	19	10.5	10.5	5.3	0.0	0.0	73.7
Other	128	16.4	15.6	8.6	3.9	7.8	47.7
	1560						
National Average		17.7	14.1	12.2	3.8	8.6	43.6

TABLE 6S

Success of Clearing -
By Provincial Land District

	No. of valid observations	Yes %	No %	Don't Know %	Did not Clear Any Scrub %	No Scrub To Clear %
<u>North Island</u>						
Northland	139	52.5	2.2	4.3	12.9	28.1
Central Auckland	27	37.0	0.0	0.0	14.8	48.1
South Auckland - Bay of Plenty	409	33.3	0.7	2.0	6.8	57.2
East Coast	40	45.0	5.0	7.5	15.0	27.5
Hawkes Bay	90	37.8	0.0	1.1	12.2	48.9
Taranaki	149	40.9	2.7	0.7	8.7	47.0
Wellington	169	33.7	0.0	2.4	14.2	49.7
<u>South Island</u>						
Marlborough	32	62.5	3.1	9.4	18.8	6.3
Nelson	37	70.3	0.0	5.4	13.5	10.8
Westland	22	63.6	0.0	9.1	4.5	22.7
Canterbury	211	35.1	1.4	2.8	11.4	49.3
Otago	129	58.9	0.8	2.3	9.3	28.7
Southland	94	36.2	0.0	3.2	12.0	47.9
	1548					
National Average		40.9	1.1	2.7	10.6	44.7

TABLE 6T

Success of Clearing -
By Farm Type

	No. of valid observations	Yes %	No %	Don't Know %	Did not Clear Any Scrub %	No Scrub To Clear %
Dairy	492	28.7	1.0	1.8	7.5	61.0
Sheep/beef	912	48.4	1.0	3.2	12.4	35.1
Cropping	19	26.3	0.0	0.0	0.0	73.7
Other	127	36.2	2.4	3.1	11.0	47.2
	1550					
National Average		40.8	1.1	2.7	10.6	44.8

TABLE 7A

Method Usually Used to Apply Fertiliser -
By Provincial Land District

	No. of valid observations	Surface Ground Spreader %	Helicopter %	Fixed Wing Aircraft %	Drilled %	Side Dressed %
<u>North Island</u>						
Northland	140	71.4	2.9	25.0	0.0	0.7
Central Auckland	28	67.9	0.0	28.6	0.0	3.6
South Auckland - Bay of Plenty	422	69.4	1.4	28.9	0.0	0.2
East Coast	40	10.0	0.0	80.0	5.0	5.0
Hawkes Bay	96	37.5	1.0	60.4	0.0	1.0
Taranaki	151	70.2	6.6	23.2	0.0	0.0
Wellington	173	49.1	0.6	48.6	1.7	0.0
<u>South Island</u>						
Marlborough	33	36.4	0.0	57.6	6.1	0.0
Nelson	38	65.8	2.6	31.6	0.0	0.0
Westland	23	91.3	0.0	8.7	0.0	0.0
Canterbury	213	67.6	0.5	16.0	16.0	0.0
Otago	131	54.2	0.0	42.0	3.8	0.0
Southland	99	83.8	0.0	15.2	1.0	0.0
	1587					
National Average		62.9	1.5	32.2	3.0	0.4

TABLE 7B

Method Usually Used to Apply Fertiliser -
By Farm Type

	No. of valid observations	Surface Ground Spreader %	Helicopter %	Fixed Wing Aircraft %	Drilled %	Side Dressed %
Dairy	504	90.1	1.6	7.9	0.0	0.4
Sheep/beef	933	47.9	1.6	48.2	2.0	0.2
Cropping	21	47.6	0.0	0.0	47.6	4.8
Other	130	67.7	0.8	16.9	13.8	0.8
	1588					
National Average		62.9	1.5	32.2	3.0	0.4

TABLE 7C

Respondents' View of Paying Extra for
a More Concentrated Fertiliser -
By Provincial Land District

	No. of valid observations	Yes	No	Don't Know
<u>North Island</u>				
Northland	134	59.0	28.4	12.7
Central Auckland	28	67.9	25.0	7.1
South Auckland - Bay of Plenty	396	57.8	30.1	12.1
East Coast	39	61.5	23.1	15.4
Hawkes Bay	93	69.9	18.3	11.8
Taranaki	142	50.7	38.0	11.3
Wellington	165	59.4	30.9	9.7
<u>South Island</u>				
Marlborough	31	64.5	19.4	16.1
Nelson	38	63.2	18.4	18.4
Westland	22	54.5	31.8	13.6
Canterbury	203	54.2	33.0	12.8
Otago	127	61.4	27.6	11.0
Southland	95	53.7	33.7	12.6
	1513			
National Average		58.2	29.7	12.1

TABLE 7D

Respondents' View of Paying Extra for
a More Concentrated Fertiliser -
By Farm Type

	No. of valid observations	Yes	No	Don't Know
Dairy	480	51.7	34.6	13.8
Sheep/beef	889	63.0	25.6	11.4
Cropping	20	55.0	40.0	5.0
Other	126	48.4	38.1	13.5
	1515			
National Average		58.1	29.7	12.2

TABLE 7E

Respondents' View of Paying Extra for a Better
Physical Quality Fertiliser -
By Provincial Land District

	No. of valid observations	Yes	No	Don't Know
<u>North Island</u>				
Northland	127	39.4	30.7	29.9
Central Auckland	27	29.6	37.0	33.3
South Auckland - Bay of Plenty	382	37.4	38.0	24.6
East Coast	37	37.8	37.8	24.3
Hawkes Bay	90	52.2	28.9	18.9
Taranaki	138	35.5	42.8	21.7
Wellington	161	40.4	36.0	23.6
<u>South Island</u>				
Marlborough	26	26.9	46.2	26.9
Nelson	36	58.3	27.8	13.9
Westland	23	43.5	34.8	21.7
Canterbury	204	51.0	32.8	16.2
Otago	119	36.1	33.6	30.3
Southland	91	39.6	36.3	24.2
	1461			
National Average		40.9	35.7	23.5

TABLE 7F

Respondents' View of Paying Extra for a Better
Physical Quality Fertiliser -
By Farm Type

	No. of valid observations	Yes	No	Don't Know
Dairy	457	37.2	37.6	25.2
Sheep/beef	367	42.1	34.5	23.4
Cropping	19	52.6	21.1	26.3
Other	120	43.3	38.3	18.3
	1463			
National Average		40.8	35.6	23.6

TABLE 7G

Respondents' View of Paying Extra for
Better Ratios of N.P.K. -
By Provincial Land District

	No. of valid observations	Yes	No	Don't Know
<u>North Island</u>				
Northland	131	38.9	33.6	27.5
Central Auckland	27	33.3	48.1	18.5
South Auckland - Bay of Plenty	383	38.9	37.1	24.0
East Coast	37	51.4	27.0	21.6
Hawkes Bay	89	52.8	25.8	21.3
Taranaki	135	34.1	42.2	23.7
Wellington	164	45.1	33.5	21.3
<u>South Island</u>				
Marlborough	27	29.6	37.0	33.3
Nelson	36	47.2	33.3	19.4
Westland	22	31.8	45.5	22.7
Canterbury	198	53.5	28.8	17.7
Otago	120	43.3	25.0	31.7
Southland	93	37.6	35.5	26.9
	1462			
National Average		42.4	33.9	23.7

TABLE 7H

Respondents' View of Paying Extra for
Better Ratios of N.P.K. -
By Farm Type

	No. of valid observations	Yes	No	Don't Know
Dairy	460	40.2	37.2	22.6
Sheep/beef	864	43.2	31.3	25.6
Cropping	18	61.1	27.8	11.1
Other	121	41.3	41.3	17.4
	1463			
National Average		42.3	33.9	23.8

TABLE 7I

Respondents' View of Paying Extra for
Superior Chemical Quality -
By Provincial Land District

	No. of valid observations	Yes	No	Don't Know
<hr/>				
<u>North Island</u>				
Northland	128	51.6	25.0	23.4
Central Auckland	27	55.6	18.5	25.9
South Auckland - Bay of Plenty	386	50.8	23.1	26.2
East Coast	36	50.0	25.0	25.0
Hawkes Bay	88	59.1	23.9	17.0
Taranaki	137	52.6	24.8	22.6
Wellington	162	45.7	23.5	30.9
 <u>South Island</u>				
Marlborough	25	44.0	24.0	32.0
Nelson	36	52.8	19.4	27.8
Westland	22	45.5	31.8	22.7
Canterbury	199	58.3	20.6	21.1
Otago	120	48.3	22.5	29.2
Southland	92	50.0	22.8	27.2
	1458			
National Average		51.6	23.1	25.2
<hr/>				

TABLE 7J

Respondents' View of Paying Extra for
Superior Chemical Quality -
By Farm Type

	No. of valid observations	Yes	No	Don't Know
<hr/>				
Dairy	461	47.7	23.9	28.4
Sheep/beef	861	54.0	21.7	24.3
Cropping	18	44.4	27.8	27.8
Other	119	49.6	29.4	21.0
National Average		51.5	23.1	25.4
<hr/>				

TABLE 7K

Respondents' View of Which Fertiliser Will Become More Widely
Used in Their Future Farming Enterprise -
By Provincial Land District

	No. of valid observations	Concent. NPKS	Single Super- based	Liquid Fertilisers	Suspensions	Triple Super- phosphate
	%	%	%	%	%	%
<u>North Island</u>						
Northland	132	34.1	28.8	22.0	2.3	12.9
Central Auckland	26	30.8	30.8	19.2	0.0	19.2
South Auckland - Bay of Plenty	392	41.3	28.3	16.3	1.3	12.8
East Coast	38	41.2	26.3	10.5	2.6	18.4
Hawkes Bay	89	51.7	18.0	10.1	0.0	20.2
Taranaki	141	39.0	39.7	9.2	1.4	10.6
Wellington	164	50.6	22.6	9.8	0.6	16.5
<u>South Island</u>						
Marlborough	32	43.8	31.3	9.4	0.0	15.6
Nelson	37	62.2	27.0	2.7	0.0	8.1
Westland	23	52.2	39.1	8.7	0.0	0.0
Canterbury	205	53.7	22.4	11.2	1.5	11.2
Otago	126	41.3	20.6	20.6	0.8	16.7
Southland	96	39.6	29.2	20.8	1.0	9.4
	1501					
National Average		44.2	27.0	14.3	1.1	13.3

TABLE 7L

Respondents' View of Which Fertiliser Will Become More Widely
Used in Their Future Farming Enterprise -
By Farm Type

	No. of valid observations	Concent. NPKS	Single Super- based	Liquid Fertilisers	Suspensions	Triple Super- phosphate
	%	%	%	%	%	%
Dairy	476	43.1	31.1	15.3	1.7	8.8
Sheep/beef	884	43.6	25.6	14.1	0.7	16.1
Cropping	20	90.0	0.0	10.0	0.0	0.0
Other	123	47.2	25.2	12.2	2.4	13.0
	1503					
National Average		44.3	26.9	14.3	1.1	13.3

TABLE 7M

Respondents' Most Recent Source of Advice When Applying Fertiliser to Pasture -
By Provincial Land District

	No. of valid observations	%	M.A.F. Advisor	%	Private Consultant	%	Fertiliser Company Rep	%	Stock and Station Agent	%	Researcher (Univ. or M.A.F.)	%	Neighbour	%	Soil Testing Firm	%	Other	%	No Advice Sought	%
<u>North Island</u>																				
Northland	141		34.8		3.5		5.7		0.7		0.7		2.1		6.4		3.5		42.6	
Central Auckland	28		57.1		10.7		3.6		0.0		0.0		0.0		3.6		3.6		21.4	
South Auckland - Bay of Plenty	420		32.6		8.8		6.0		2.4		1.2		0.5		11.0		1.0		36.7	
East Coast	40		32.5		10.0		20.0		5.0		2.5		0.0		7.5		2.5		20.0	
Hawkes Bay	96		31.3		2.1		16.7		8.3		0.0		3.1		6.3		1.0		31.3	
Taranaki	150		22.0		5.3		10.7		8.0		2.0		0.7		11.3		1.3		38.7	
Wellington	172		23.8		9.3		12.2		7.6		2.9		1.7		9.9		1.7		30.8	
<u>South Island</u>																				
Marlborough	34		26.5		5.9		5.9		11.8		0.0		2.9		8.8		5.9		32.4	
Nelson	38		28.9		10.5		28.9		0.0		0.0		0.0		7.9		0.0		23.7	
Westland	23		21.7		0.0		13.0		4.3		0.0		4.3		4.3		0.0		52.2	
Canterbury	215		26.5		12.1		5.1		8.4		1.4		2.8		7.4		1.4		34.9	
Otago	133		24.8		3.8		17.3		4.5		1.5		3.0		6.8		2.3		36.1	
Southland	98		20.4		8.2		17.3		3.1		1.0		2.0		14.3		1.0		32.7	
1588																				
National Average			28.6		7.6		10.2		4.9		1.3		1.6		9.1		1.6		35.0	

TABLE 7N

Respondents' Most Recent Source of Advice When Applying Fertiliser to Pasture -
By Farm Type

	No. of valid observations	M.A.F. Advisor	Private Consultant	Fertiliser Company Rep	Stock and Station Agent	Researcher (Univ. or M.A.F.)	Neighbour	Soil Testing Firm	Other	No Advice Sought
	%	%	%	%	%	%	%	%	%	%
Dairy	506	33.2	8.9	6.5	2.2	1.6	1.0	11.1	1.6	34.0
Sheep/beef	933	26.9	6.5	11.8	6.2	1.4	2.0	7.7	1.8	35.6
Cropping	21	19.0	0.0	9.5	9.5	0.0	0.0	23.8	4.8	33.3
Other	130	25.4	10.8	13.1	5.4	0.0	1.5	9.2	0.0	34.6
	1590									
National Average		28.7	7.5	10.2	4.9	1.3	1.6	9.1	1.6	35.0

TABLE 70

Respondents' View on Importance of Physical and Handling Properties -
By Provincial Land District

	No. of valid observations %	Very Important %	Important %	Neutral %	No Importance %
<u>North Island</u>					
Northland	134	27.6	53.0	15.7	3.7
Central Auckland	27	33.3	51.9	7.4	7.4
South Auckland - Bay of Plenty	394	30.5	49.0	16.5	4.1
East Coast	40	42.5	40.0	15.0	2.5
Hawkes Bay	92	33.7	55.4	9.8	1.1
Taranaki	146	37.7	41.8	15.1	5.5
Wellington	170	33.5	52.4	11.8	2.4
<u>South Island</u>					
Marlborough	34	41.2	50.0	8.8	0.0
Nelson	38	39.5	50.0	7.9	2.6
Westland	23	47.8	47.8	4.3	0.0
Canterbury	209	32.5	56.0	9.1	2.4
Otago	128	39.1	48.4	10.9	1.6
Southland	94	27.7	60.6	8.5	3.2
	1529				
National Average		33.4	50.9	12.6	3.1

TABLE 7P

Respondents' View on Importance of Physical and Handling Properties -
By Farm Type

	No. of valid observations %	Very Important %	Important %	Neutral %	No Importance %
Dairy	483	34.6	46.6	14.7	4.1
Sheep/beef	903	30.8	54.6	12.1	2.5
Cropping	21	52.4	42.9	0.0	4.8
Other	124	46.0	40.3	10.5	3.2
	1531				
National Average		33.5	50.8	12.6	3.1

TABLE 7Q

Respondents' View on Importance of Cost per Tonne -
By Provincial Land District

	No. of valid observations %	Very Important %	Important %	Neutral %	No Importance %
<u>North Island</u>					
Northland	137	70.1	24.1	4.4	1.5
Central Auckland	28	64.3	35.7	0.0	0.0
South Auckland - Bay of Plenty	404	68.6	25.2	3.5	2.7
East Coast	40	87.5	7.5	5.0	0.0
Hawkes Bay	95	76.8	17.9	3.2	2.1
Taranaki	146	71.2	23.3	4.8	0.7
Wellington	170	71.2	21.2	5.9	1.8
<u>South Island</u>					
Marlborough	34	55.9	32.4	11.8	0.0
Nelson	38	71.1	26.3	2.6	0.0
Westland	23	47.8	47.8	4.3	0.0
Canterbury	209	68.4	25.8	3.3	2.4
Otago	131	67.2	25.2	6.9	0.8
Southland	94	64.9	25.5	7.4	2.1
	1549				
National Average		69.3	24.4	4.6	1.7

TABLE 7R

Respondents' View on Importance of Cost per Tonne -
By Farm Type

	No. of valid observations %	Very Important %	Important %	Neutral %	No Importance %
Dairy	491	62.5	31.0	4.3	2.2
Sheep/beef	914	72.3	20.9	5.1	1.6
Cropping	21	57.1	28.6	9.5	4.8
Other	125	74.4	24.8	0.8	0.0
	1551				
National Average		69.2	24.5	4.6	1.7

TABLE 7S

Respondents' View on Importance of Guaranteed Solubility -
By Provincial Land District

	No. of valid observations	Very Important	Important	Neutral	No Importance
	%	%	%	%	%
<u>North Island</u>					
Northland	132	43.9	43.2	9.1	3.8
Central Auckland	28	42.9	42.9	10.7	3.6
South Auckland - Bay of Plenty	395	38.5	46.8	12.2	2.5
East Coast	40	37.5	42.5	20.0	0.0
Hawkes Bay	92	46.7	43.5	8.7	1.1
Taranaki	144	34.7	51.4	13.2	0.7
Wellington	170	43.5	42.9	12.9	0.6
<u>South Island</u>					
Marlborough	34	47.1	44.1	8.8	0.0
Nelson	38	65.8	28.9	5.3	0.0
Westland	23	56.5	43.5	0.0	0.0
Canterbury	208	39.4	50.5	8.2	1.7
Otago	128	34.4	50.0	15.6	0.0
Southland	93	34.4	49.5	12.9	3.2
	1525				
National Average		40.4	46.5	11.4	1.7

TABLE 7T

Respondents' View on Importance of Guaranteed Solubility -
By Farm Type

	No. of valid observations	Very Important	Important	Neutral	No Importance
	%	%	%	%	%
Dairy	481	41.0	45.5	10.6	2.9
Sheep/beef	902	39.9	46.8	12.3	1.0
Cropping	21	19.0	66.7	4.8	9.5
Other	123	43.9	44.7	9.8	1.6
	1527				
National Average		40.3	46.5	11.5	1.8

TABLE 7U

Respondents' View on Importance of High Concentration -
By Provincial Land District

	No. of valid observations %	Very Important %	Important %	Neutral %	No Importance %
<u>North Island</u>					
Northland	133	26.3	30.1	35.3	8.3
Central Auckland	28	32.1	39.3	21.4	7.1
South Auckland - Bay of Plenty	397	25.2	39.0	28.2	7.6
East Coast	39	41.0	33.3	17.9	7.7
Hawkes Bay	92	28.3	41.3	28.3	2.2
Taranaki	143	18.2	36.4	38.5	7.0
Wellington	170	26.5	37.6	27.1	8.8
<u>South Island</u>					
Marlborough	33	24.2	39.4	30.3	6.1
Nelson	38	34.2	26.3	34.2	5.3
Westland	23	26.1	34.8	26.1	13.0
Canterbury	207	20.3	44.9	25.6	9.2
Otago	128	18.8	37.5	37.5	6.3
Southland	93	16.1	35.5	39.8	8.6
	1524				
National Average		24.0	37.9	30.6	7.5

TABLE 7V

Respondents' View on Importance of High Concentration -
By Farm Type

	No. of valid observations %	Very Important %	Important %	Neutral %	No Importance %
Dairy	483	23.8	35.8	31.3	9.1
Sheep/beef	898	23.6	38.6	31.1	6.7
Cropping	20	25.0	40.0	20.0	15.0
Other	125	26.4	40.0	25.6	8.0
	1526				
National Average		23.9	37.9	30.5	7.7

TABLE 7W

Respondents' View on Importance of the Cost Per Kilogram
of Soluble Nutrients -
By Provincial Land District

	No. of valid observations %	Very Important %	Important %	Neutral %	No Importance %
<u>North Island</u>					
Northland	133	48.9	30.8	15.8	4.5
Central Auckland	28	53.6	28.6	17.9	0.0
South Auckland - Bay of Plenty	400	50.8	34.0	12.3	3.0
East Coast	40	70.0	15.0	12.5	2.5
Hawkes Bay	92	53.3	30.4	15.2	1.1
Taranaki	144	54.2	23.6	16.7	5.6
Wellington	170	51.8	29.4	17.6	1.2
<u>South Island</u>					
Marlborough	34	47.1	32.4	17.6	2.9
Nelson	38	44.7	39.5	13.2	2.6
Westland	23	56.5	39.1	0.0	4.3
Canterbury	208	47.6	36.5	13.9	1.9
Otago	129	37.2	41.1	21.7	0.0
Southland	94	34.0	43.6	20.2	2.1
	1533				
National Average		49.0	33.1	15.3	2.5

TABLE 7X

Respondents' View on Importance of the Cost Per Kilogram
of Soluble Nutrients -
By Farm Type

	No. of valid observations %	Very Important %	Important %	Neutral %	No Importance %
Dairy	485	48.9	34.4	13.4	3.3
Sheep/beef	904	48.2	33.5	16.4	1.9
Cropping	21	47.6	33.3	9.5	9.5
Other	125	54.4	26.4	16.0	3.2
	1535				
National Average		48.9	33.2	15.3	2.5

TABLE 7Y

Respondents' View on Importance of Every Granule
Containing the Correct Proportion of Nutrient -
By Provincial Land District

	No. of valid observations %	Very Important %	Important %	Neutral %	No Importance %
<u>North Island</u>					
Northland	133	21.1	35.3	28.6	15.0
Central Auckland	26	26.9	23.1	34.6	15.4
South Auckland - Bay of Plenty	399	23.1	32.8	27.1	17.0
East Coast	39	25.6	33.3	23.1	17.9
Hawkes Bay	91	26.4	33.0	29.7	11.0
Taranaki	142	27.5	35.2	25.4	12.0
Wellington	170	26.5	34.1	25.3	14.1
<u>South Island</u>					
Marlborough	34	23.5	35.3	26.5	14.7
Nelson	38	28.9	31.6	21.1	18.4
Westland	23	39.1	34.8	4.3	21.7
Canterbury	206	24.8	35.0	28.6	11.7
Otago	128	19.5	38.3	28.1	14.1
Southland	93	16.1	31.2	39.8	12.9
	1522				
National Average		23.9	34.0	27.6	14.5

TABLE 7Z

Respondents' View on Importance of Every Granule
Containing the Correct Proportion of Nutrient -
By Farm Type

	No. of valid observations %	Very Important %	Important %	Neutral %	No Importance %
Dairy	481	26.4	33.9	24.7	15.0
Sheep/beef	899	21.8	34.8	29.5	13.9
Cropping	21	33.3	14.3	33.3	19.0
Other	123	28.5	30.1	24.4	17.1
	1524				
National Average		24.0	33.9	27.6	14.6

TABLE 7AA
Respondent's Rate of Satisfaction with the Cost of
Fertiliser Currently Used — By Provincial Land District

	No. of valid observations	Very Satisfied %	Satisfied %	Neutral %	Dissatisfied %	Very Dissatisfied %	No Opinion %
<u>North Island</u>							
Northland	135	2.2	14.1	7.4	43.0	30.4	3.0
Central Auckland	28	3.6	14.3	3.6	50.0	25.0	3.6
South Auckland —							
Bay of Plenty	399	3.3	18.8	8.0	45.4	22.8	1.8
East Coast	39	2.6	15.4	15.4	43.6	23.1	0.0
Hawkes Bay	94	1.1	10.6	13.8	55.3	18.1	1.1
Taranaki	149	6.0	14.1	12.1	45.0	22.1	0.7
Wellington	170	2.9	15.3	11.8	45.3	21.8	2.9
<u>South Island</u>							
Marlborough	32	0.0	9.4	12.5	46.9	25.0	6.3
Nelson	38	5.3	10.5	2.6	60.5	18.4	2.6
Westland	23	4.3	8.7	13.0	30.4	30.4	13.0
Canterbury	209	1.9	12.9	14.8	49.3	20.6	0.5
Otago	129	2.3	14.0	11.6	45.0	25.6	1.6
Southland	96	5.2	24.0	9.4	40.6	19.8	1.0
	1541						
National Average		3.1	15.4	10.6	46.1	22.8	1.9

TABLE 7BB

Respondent's Rate of Satisfaction with the Cost of
Fertiliser Currently Used — by Farm Type

	No. of valid observations	Very Satisfied %	Satisfied %	Neutral %	Dissatisfied %	Very Dissatisfied %	No Opinion %
Dairy	488	4.3	21.3	11.7	43.6	17.0	2.0
Sheep/Beef	908	2.8	11.7	9.6	47.6	26.3	2.1
Cropping	21	0.0	33.3	23.8	23.8	19.0	0.0
Other	126	2.4	16.7	11.1	50.0	19.8	0.0
	1543						
National Average		3.2	15.4	10.6	46.2	22.7	1.9

TABLE 7CC

Respondent's Rate of Satisfaction with the Percentage of
Available Phosphorus in Fertiliser Currently Used —
By Provincial Land District

	No. of valid observations	Very Satisfied %	Satisfied %	Neutral %	Dissatisfied %	Very Dissatisfied %	No Opinion %
<u>North Island</u>							
Northland	134	1.5	49.3	20.1	14.9	3.0	11.2
Central Auckland	27	0.0	40.7	22.2	25.9	3.7	7.4
South Auckland —							
Bay of Plenty	395	3.3	57.7	17.5	10.6	2.5	8.4
East Coast	38	2.6	52.6	28.9	5.3	0.0	10.5
Hawkes Bay	93	2.2	48.4	22.6	18.3	1.1	7.5
Taranaki	145	6.9	46.9	25.5	14.5	2.1	4.1
Wellington	169	3.6	53.3	19.5	13.0	5.3	5.3
<u>South Island</u>							
Marlborough	32	0.0	37.5	25.0	15.6	3.1	18.8
Nelson	38	10.5	42.1	26.3	15.8	0.0	5.3
Westland	23	4.3	43.5	8.7	21.7	4.3	17.4
Canterbury	208	2.4	32.2	23.1	29.3	7.2	5.8
Otago	129	3.9	52.7	19.4	13.2	1.6	9.3
Southland	97	2.1	66.0	17.5	7.2	0.0	7.2
	1528						
National Average		3.3	50.1	20.5	15.2	3.1	7.8

TABLE 7DD

Respondent's Rate of Satisfaction with the Percentage of
Available Phosphorus in Fertiliser Currently Used -- By Farm Type

	No. of valid observations	Very Satisfied %	Satisfied %	Neutral %	Dissatisfied %	Very Dissatisfied %	No Opinion %
Dairy	478	3.8	57.5	19.9	9.6	1.3	7.9
Sheep/Beef	906	3.2	46.1	20.8	17.8	3.9	8.3
Cropping	21	4.8	33.3	33.3	23.8	4.8	0.0
Other	125	2.4	53.6	19.2	16.0	4.0	4.8
	1530						
National Average		3.3	50.1	20.5	15.2	3.1	7.8

TABLE 7EE

Respondent's Rate of Satisfaction with the Physical Quality
of Fertiliser Currently Used — By Provincial Land District

	No. of valid observations	Very Satisfied %	Satisfied %	Neutral %	Dissatisfied %	Very Dissatisfied %	No Opinion %
<u>North Island</u>							
Northland	133	5.3	55.6	17.3	8.3	1.5	12.0
Central Auckland	27	3.7	63.0	18.5	3.7	7.4	3.7
South Auckland —							
Bay of Plenty	394	5.3	63.7	19.3	5.6	0.5	5.6
East Coast	39	7.7	48.7	20.5	10.3	0.0	12.8
Hawkes Bay	93	4.3	60.2	18.3	12.9	1.1	3.2
Taranaki	146	8.9	55.5	21.9	9.6	0.0	4.1
Wellington	171	7.6	58.5	19.9	7.0	2.9	4.1
<u>South Island</u>							
Marlborough	32	0.0	59.4	25.0	9.4	3.1	3.1
Nelson	38	15.8	55.3	15.8	5.3	2.6	5.3
Westland	23	4.3	56.5	4.3	8.7	8.7	17.4
Canterbury	209	2.4	53.1	24.4	13.4	3.3	3.3
Otago	128	5.5	61.7	17.2	8.6	1.6	5.5
Southland	97	6.2	69.1	11.3	6.2	2.1	5.2
	1530						
National Average		5.7	59.3	19.2	8.4	1.8	5.6

TABLE 7FF

Respondent's Rate of Satisfaction with the Physical Quality
of Fertiliser Currently Used — By Farm Type

	No. of valid observations	Very Satisfied %	Satisfied %	Neutral %	Dissatisfied %	Very Dissatisfied %	No Opinion %
Dairy	481	6.7	59.5	19.5	7.3	1.5	5.6
Sheep/Beef	905	5.3	60.8	18.7	7.5	1.7	6.1
Cropping	21	14.3	19.0	38.1	23.8	4.8	0.0
Other	125	3.2	54.4	19.2	16.0	3.2	4.0
	1532						
National Average		5.7	59.3	19.3	8.4	1.8	5.7

TABLE 7GG

*Respondent's Rate of Satisfaction with the Concentration
per Tonne Weight of Fertiliser Currently Used — By Provincial Land District*

	No. of valid observations	Very Satisfied %	Satisfied %	Neutral %	Dissatisfied %	Very Dissatisfied %	No Opinion %
<u>North Island</u>							
Northland	133	5.3	32.3	24.1	21.8	3.8	12.8
Central Auckland	27	0.0	44.4	11.1	29.6	3.7	11.1
South Auckland —							
Bay of Plenty	394	4.6	45.7	22.3	17.8	1.8	7.9
East Coast	39	5.1	38.5	20.5	25.6	2.6	7.7
Hawkes Bay	93	2.2	34.4	25.8	25.8	5.4	6.5
Taranaki	144	6.9	48.6	22.9	14.6	0.7	6.3
Wellington	170	4.1	45.3	20.6	15.9	4.1	10.0
<u>South Island</u>							
Marlborough	32	0.0	34.4	25.0	25.0	0.0	15.6
Nelson	38	10.5	34.2	21.1	26.3	0.0	7.9
Westland	23	4.3	47.8	8.7	17.4	0.0	21.7
Canterbury	209	1.0	40.7	23.0	22.5	5.3	7.7
Otago	129	1.6	47.3	24.8	15.5	3.1	7.8
Southland	97	1.0	56.7	22.7	8.2	2.1	9.3
	1528						
National Average		3.7	43.5	22.4	18.7	2.9	8.8

TABLE 7HH

Respondent's Rate of Satisfaction with the Concentration
per Tonne Weight of Fertiliser Currently Used — By Farm Type

	No. of valid observations	Very Satisfied %	Satisfied %	Neutral %	Dissatisfied %	Very Dissatisfied %	No Opinion %
Dairy	481	5.8	50.3	22.2	12.7	1.2	7.7
Sheep/Beef	905	2.5	39.0	22.9	21.9	3.8	9.9
Cropping	21	4.8	38.1	38.1	14.3	0.0	4.8
Other	123	3.3	50.4	17.9	19.5	3.3	5.7
	1530						
National Average		3.7	43.5	22.5	18.7	2.9	8.8

TABLE 7II

Respondent's Rate of Satisfaction with the Quality of Service
Provided by Suppliers of Fertiliser Currently Used — By Provincial Land District

	No. of valid observations	Very Satisfied %	Satisfied %	Neutral %	Dissatisfied %	Very Dissatisfied %	No Opinion %
<u>North Island</u>							
Northland	133	22.6	57.9	7.5	5.3	3.0	3.8
Central Auckland	28	17.9	53.6	17.9	3.6	7.1	0.0
South Auckland —							
Bay of Plenty	403	32.3	55.6	5.7	4.2	0.5	1.7
East Coast	39	23.1	53.8	15.4	2.6	2.6	2.6
Hawkes Bay	95	34.7	51.6	8.4	2.1	0.0	3.2
Taranaki	147	36.1	49.0	8.2	4.1	1.4	1.4
Wellington	171	25.1	56.7	6.4	5.8	4.1	1.8
<u>South Island</u>							
Marlborough	32	12.5	62.5	15.6	6.3	0.0	3.1
Nelson	38	28.9	65.8	2.6	0.0	2.6	0.0
Westland	23	43.5	34.8	8.7	0.0	4.3	8.7
Canterbury	212	19.3	57.5	10.8	5.2	5.7	1.4
Otago	128	33.6	50.8	11.7	2.3	0.8	0.8
Southland	97	47.4	47.4	0.0	3.1	0.0	2.1
	1546						
National Average		29.6	54.4	7.8	4.1	2.1	1.9

TABLE 7JJ
Respondent's Rate of Satisfaction with the Quality of Service
Provided by Suppliers of Fertiliser Currently Used — By Farm Type

	No. of valid observations	Very Satisfied %	Satisfied %	Neutral %	Dissatisfied %	Very Dissatisfied %	No Opinion %
Dairy	488	32.2	54.7	5.9	4.5	1.2	1.4
Sheep/Beef	914	28.6	54.6	8.6	3.6	2.3	2.3
Cropping	21	23.8	52.4	14.3	4.8	4.8	0.0
Other	125	28.8	52.0	8.0	5.6	4.0	1.6
	1548						
National Average		29.7	54.4	7.8	4.1	2.1	1.9

TABLE 8A

Person Involved in Respondent's General Farm Paperwork
and Insurance Matters — Overall

	No. of valid observations	Husband Mostly %	Wife Mostly %	Husband & Wife Equally %	Other %
General farm paperwork	1587	59.9	15.1	19.5	5.5
Insurance Matters	1583	63.4	5.8	22.9	7.9

TABLE 8B

How Often Respondent Would Seek Advice on Fire and General
Insurances from the following Sources — Overall

	No. of valid observations	Always %	Often %	Sometimes %	Rarely %	Never %
Stock & Station Agent	1526	1.2	1.6	9.2	16.6	71.4
Farm Advisor	1523	2.2	3.2	10.7	16.7	67.2
Solicitor	1522	2.2	5.1	24.0	19.0	49.7
Accountant	1543	11.1	19.7	35.3	11.0	22.7
Bank Manager	1519	1.8	5.3	16.1	16.8	60.0
Wife/Husband	1513	48.4	17.6	14.5	3.7	15.7
Other family, friends	1517	4.5	11.5	27.1	15.9	40.9
Life insurance agents	1541	18.8	17.0	27.8	9.0	27.3
Others	1252	3.0	2.4	2.4	1.0	91.2
Make decision yourself	1528	43.2	25.9	13.2	3.7	14.1

TABLE 8C

Respondent's Opinion of Insurance Companies Offering an Office
Service Only, With no Visits to the Farm — Overall

	%
Favourable	26.8
Opposed	52.0
No opinion	21.3
No. of valid observations	1584

TABLE 8D

Respondent's Reasons for Changing Insurance Companies Within
the Last 3 Years — Overall

	%
Dissatisfaction with previous company	23.6
Requirement of mortgage or finance	18.6
Price	21.2
Better Service	14.5
Better Policy	17.8
Other	4.4
No. of Valid Observations	641

TABLE 9A

How Often Respondents Listen to 'Rural Report'
(Broadcast on the National Programme on Weekdays)
By Provincial Land District

	No. of Valid Observations	Days Per Week					
		0	1	2	3	4	5
		%	%	%	%	%	%
<hr/>							
<u>North Island</u>							
Northland	139	54.7	7.9	10.8	8.6	7.9	10.1
Central Auckland	28	50.0	0.0	7.1	10.7	17.9	14.3
South Auckland — Bay of Plenty	414	39.9	10.6	15.0	13.8	10.4	10.4
East Coast	41	41.5	4.9	7.3	19.5	17.1	9.8
Hawkes Bay	93	33.3	9.7	15.1	17.2	10.8	14.0
Taranaki	151	57.0	6.0	8.6	7.9	11.9	8.6
Wellington	171	39.2	8.8	8.8	12.3	16.4	14.6
 <u>South Island</u>							
Marlborough	33	21.2	18.2	15.2	6.1	12.1	27.3
Nelson	38	23.7	13.2	15.8	21.1	13.2	13.2
Westland	22	59.1	4.5	4.5	18.2	4.5	9.1
Canterbury	217	36.9	8.8	10.6	12.4	13.8	17.5
Otago	129	35.7	10.1	11.6	14.7	7.0	20.9
Southland	97	47.4	5.2	12.4	10.3	11.3	13.4
	1573						
National Average		41.9	8.9	11.8	12.6	11.5	13.3

TABLE 9B

How Often Respondents Listen to 'Rural Report'
(Broadcast on the National Programme on Weekdays) — By Farm Type

	No. of valid observations	Days per Week					
		0	1	2	3	4	5
		%	%	%	%	%	%
Dairy	501	50.3	8.6	11.4	9.0	9.8	11.0
Sheep/Beef	925	37.6	8.4	12.2	14.6	12.2	14.9
Cropping	20	40.0	30.0	5.0	5.0	15.0	5.0
Other	129	39.5	9.3	11.6	14.0	13.2	12.4
	1575						
National Average		41.9	8.9	11.8	12.6	11.5	13.3

TABLE 9C

How Often Respondents Listen to 'Rural Report'
(Broadcast on the National Programme on Weekdays) — By Age of Farmer

	No. of valid observations	Days per Week					
		0	1	2	3	4	5
		%	%	%	%	%	%
35 years & under	393	50.4	7.6	9.4	11.7	10.7	10.2
36-50 years	692	40.6	9.0	12.4	13.3	11.0	13.7
51-60 years	340	36.2	10.0	13.2	13.8	11.5	15.3
Over 60 years	124	35.5	9.7	11.3	9.7	16.1	17.7
	1549						
National Average		41.9	8.9	11.8	12.6	11.5	13.3

TABLE 9D

How Often the Next Most Frequent Listener in Household
Listens to 'Rural Report' -
By Provincial Land District

	No. of valid observations	Days Per Week					
		0	1	2	3	4	5
		%	%	%	%	%	%
<hr/>							
<u>North Island</u>							
Northland	139	59.7	7.2	8.6	8.6	9.4	6.5
Central Auckland	28	60.7	3.6	14.3	7.1	7.1	7.1
South Auckland —							
Bay of Plenty	413	55.2	8.7	9.7	9.4	8.0	9.0
East Coast	41	53.7	4.9	12.2	7.3	14.6	7.3
Hawkes Bay	93	47.3	12.9	7.5	14.0	9.7	8.6
Taranaki	151	66.9	6.0	7.3	8.6	6.6	4.6
Wellington	171	52.0	8.8	12.3	11.7	8.8	6.4
 <u>South Island</u>							
Marlborough	33	45.5	6.1	12.1	9.1	9.1	18.2
Nelson	38	47.4	7.9	7.9	15.8	13.2	7.9
Westland	22	72.7	4.5	4.5	13.6	4.5	0.0
Canterbury	217	47.9	10.1	7.4	9.7	10.6	14.3
Otago	129	51.2	7.0	8.5	14.7	9.3	9.3
Southland	97	56.7	5.2	14.4	5.2	8.2	10.3
	1572						
National Average		54.6	8.1	9.5	10.1	8.9	8.8

TABLE 9E

How Often the Next Most Frequent Listener in Household
Listens to 'Rural Report' -
By Farm Type

	No. of valid observations	Days Per Week					
		0	1	2	3	4	5
		%	%	%	%	%	%
Dairy	500	60.0	6.8	8.8	7.8	8.8	7.8
Sheep/Beef	925	51.5	8.6	10.4	11.4	8.9	9.3
Cropping	20	60.0	25.0	5.0	0.0	5.0	5.0
Other	129	55.0	6.2	7.0	11.6	10.1	10.1
	1574						
National Average		54.6	8.1	9.5	10.1	8.9	8.8

TABLE 9F

How Often the Next Most Frequent Listener in Household
Listens to 'Rural Report' -
By Age of Farmer

	No. of valid observations	Days Per Week					
		0	1	2	3	4	5
		%	%	%	%	%	%
35 years & under	393	63.9	6.6	8.1	6.6	7.9	6.9
36-50 years	691	52.8	8.1	10.3	11.0	8.7	9.1
51-60 years	340	47.6	9.1	11.5	13.2	9.4	9.1
Over 60 years	124	35.5	9.7	11.3	9.7	16.1	17.7
	1548						
National Average		54.6	8.1	9.5	10.1	8.9	8.8

TABLE 9H

How Often Each Week Respondents Listen to 'Farm News'
(On Commercial Station at Lunchtime)–
By Farm Type

	No. of valid observations	Days Per Week					
		0	1	2	3	4	5
		%	%	%	%	%	%
Dairy	501	59.1	7.8	11.0	8.4	5.2	8.6
Sheep/Beef	925	52.6	7.9	9.1	12.2	6.4	11.8
Cropping	19	42.1	10.5	26.3	5.3	5.3	10.5
Other	129	50.4	8.5	10.1	9.3	11.6	10.1
	1574						
National Average		54.4	7.9	10.0	10.6	6.4	10.6

TABLE 9I

How Often Each Week Respondents Listen to 'Farm News'
(On Commercial Station at Lunchtime) –
By Age of Farmer

	No. of valid observations	Days Per Week					
		0	1	2	3	4	5
		%	%	%	%	%	%
35 years & under	393	46.3	8.9	10.9	12.5	8.7	12.7
36–50 years	692	56.1	7.9	9.5	10.4	5.6	10.4
51–60 years	339	56.0	7.1	10.9	10.6	5.6	9.7
Over 60 years	124	65.3	5.6	8.1	8.1	4.8	8.1
	1548						
National Average		54.4	7.9	10.0	10.6	6.4	10.6

TABLE 9J

How Often Respondent Listens to 'Farm News' on Commercial Station,
then Switches Over to 'Rural Report' on National Programme -
By Provincial Land District

	No. of valid observations	Days Per Week					
		0	1	2	3	4	5
		%	%	%	%	%	%
<hr/>							
<u>North Island</u>							
Northland	139	82.0	2.9	2.9	2.9	5.0	4.3
Central Auckland	28	85.7	0.0	0.0	3.6	3.6	7.1
South Auckland —							
Bay of Plenty	414	72.2	7.0	7.7	6.0	2.9	4.1
East Coast	41	68.3	12.2	2.4	12.2	2.4	2.4
Hawkes Bay	93	71.0	10.8	6.5	4.3	5.4	2.2
Taranaki	151	80.1	4.6	4.0	5.3	2.0	4.0
Wellington	171	71.3	7.6	5.3	5.8	5.8	4.1
 <u>South Island</u>							
Marlborough	33	84.8	3.0	3.0	6.1	0.0	3.0
Nelson	38	63.2	7.9	21.1	0.0	5.3	2.6
Westland	22	86.4	0.0	0.0	0.0	4.5	9.1
Canterbury	217	77.4	5.5	5.5	3.7	2.8	5.1
Otago	130	69.2	7.7	6.9	6.9	2.3	6.9
Southland	97	64.9	7.2	9.3	3.1	3.1	12.4
	1574						
National Average		74.1	6.4	6.2	5.0	3.4	4.9

TABLE 9K

How Often Respondent Listens to 'Farm News' on Commercial Station,
then Switches Over to 'Rural Report' on National Programme —
By Farm Type

	No. of valid observations	Days Per Week					
		0	1	2	3	4	5
		%	%	%	%	%	%
Dairy	501	76.2	4.0	6.2	4.2	4.0	5.4
Sheep/Beef	926	73.3	7.7	5.9	5.2	3.2	4.6
Cropping	20	75.0	10.0	10.0	5.0	0.0	0.0
Other	129	70.5	6.2	7.8	7.0	3.1	5.4
	1576						
National Average		74.1	6.4	6.2	5.0	3.4	4.9

TABLE 9L

How Often Respondent Listens to 'Farm News' on Commercial Station,
then Switches Over to 'Rural Report' on National Programme —
By Age of Farmer

	No. of valid observations	Days Per Week					
		0	1	2	3	4	5
		%	%	%	%	%	%
35 years & under	393	77.4	5.9	4.8	4.3	3.1	4.6
36-50 years	693	73.6	7.1	6.1	5.6	3.0	4.6
51-60 years	340	72.4	5.6	8.2	4.4	3.2	6.2
Over 60 years	124	71.0	6.5	5.6	6.5	5.6	4.8
	1550						
National Average		74.1	6.4	6.2	5.0	3.4	4.9

TABLE 9M

How Often Respondent Listens to Farm News on Local Commercial Station
Before 7 O'clock - By Provincial Land District

	No. of valid observations	Days Per Week					
		0	1	2	3	4	5
		%	%	%	%	%	%
<hr/>							
<u>North Island</u>							
Northland	139	52.5	2.9	6.5	8.6	2.9	26.6
Central Auckland	28	85.7	0.0	0.0	3.6	3.6	7.1
South Auckland —							
Bay of Plenty	414	45.4	4.8	6.0	7.2	4.6	31.9
East Coast	41	29.3	9.8	12.2	12.2	9.8	26.8
Hawkes Bay	93	49.5	4.3	14.0	6.5	5.4	20.4
Taranaki	151	51.0	3.3	4.6	8.6	4.0	28.5
Wellington	171	40.4	6.4	7.6	8.2	9.4	28.1
 <u>South Island</u>							
Marlborough	33	81.8	3.0	6.1	0.0	3.0	6.1
Nelson	38	42.1	7.9	10.5	5.3	7.9	26.3
Westland	22	68.2	0.0	4.5	0.0	0.0	27.3
Canterbury	216	53.7	6.0	6.5	8.8	6.0	19.0
Otago	130	30.0	11.5	12.3	12.3	5.4	28.5
Southland	97	34.0	8.2	9.3	4.1	13.4	30.9
	1573						
National Average		46.8	5.6	7.5	7.8	5.8	26.5

TABLE 9N

How Often Respondent Listens to Farm News on Local Commercial Station
Before 7 o'clock — By Farm Type

	No. of valid observations	Days Per Week					
		0	1	2	3	4	5
		%	%	%	%	%	%
Dairy	501	47.3	3.2	3.6	5.4	4.0	36.5
Sheep/Beef	926	46.2	6.8	9.4	8.5	6.8	22.2
Cropping	19	42.1	15.8	5.3	0.0	5.3	31.6
Other	129	48.8	4.7	9.3	12.4	6.2	18.6
	1575						
National Average		46.8	5.6	7.5	7.8	5.8	26.5

TABLE 90

How Often Respondent Listen to Farm News on Local Commercial Station
Before 7 o'clock — By Age of Farmer

	No. of valid observations	Days Per Week					
		0	1	2	3	4	5
		%	%	%	%	%	%
35 years & under	393	34.9	5.9	7.6	9.9	5.6	36.1
36-50 years	693	47.3	5.6	6.3	8.2	5.8	26.7
51-60 years	339	53.1	5.0	10.0	5.6	6.2	20.1
Over 60 years	124	62.1	5.6	7.3	6.5	4.0	14.5
	1549						
National Average		46.8	5.6	7.5	7.8	5.8	26.5

TABLE 9P

How Often Respondent Listens to "Minute with Meat" on Saturday morning -
By Provincial Land District

	No. of valid observations	Days Per Month				
		0	1	2	3	4
		%	%	%	%	%
<hr/>						
<u>North Island</u>						
Northland	139	77.7	5.0	2.9	2.9	11.5
Central Auckland	28	89.3	0.0	0.0	0.0	10.7
South Auckland —						
Bay of Plenty	414	77.5	4.6	3.9	4.1	9.9
East Coast	41	34.1	12.2	14.6	17.1	22.0
Hawkes Bay	93	65.6	10.8	5.4	8.6	9.7
Taranaki	150	78.7	2.7	6.7	5.3	6.7
Wellington	171	61.4	8.8	10.5	8.2	11.1
 <u>South Island</u>						
Marlborough	33	72.7	6.1	3.0	6.1	12.1
Nelson	38	52.6	5.3	5.3	10.5	26.3
Westland	22	81.8	0.0	0.0	0.0	18.2
Canterbury	216	67.6	6.5	7.9	6.0	12.0
Otago	130	61.5	10.0	10.8	4.6	13.1
Southland	97	54.6	8.2	10.3	8.2	18.6
	1572					
National Average		69.6	6.3	6.5	5.8	11.8

TABLE 9Q

How Often Respondent Listens to "Minute with Meat" on Saturday morning —
By Farm Type

	No. of valid observations	Days Per Month				
		0	1	2	3	4
		%	%	%	%	%
Dairy	501	78.6	2.8	3.8	4.6	10.2
Sheep/Beef	925	65.2	8.4	7.6	6.6	12.2
Cropping	19	68.4	0.0	5.3	15.8	10.5
Other	129	65.9	5.4	10.1	3.1	15.5
	1574					
National Average		69.6	6.3	6.5	5.8	11.8

TABLE 9R

How Often Respondent Listens to "Minute with Meat" on Saturday morning —
By Age of Farmer

	No. of valid observations	Days per Month				
		0	1	2	3	4
		%	%	%	%	%
35 years & over	393	69.2	6.1	6.6	6.1	12.0
36-50 years	692	68.2	6.9	7.1	5.9	11.8
51-60 years	339	69.0	5.6	5.9	5.3	14.2
Over 60 years	124	76.6	6.5	5.6	5.6	5.6
	1548					
National Average		69.6	6.3	6.5	5.8	11.8

TABLE 9S

How Often Respondent Listens to "Landline" on Saturday Morning --
By Provincial Land District

	No. of valid observations	Days Per Month				
		0	1	2	3	4
		%	%	%	%	%
<hr/>						
<u>North Island</u>						
Northland	139	74.8	2.2	4.3	7.9	10.8
Central Auckland	28	71.4	0.0	3.6	0.0	25.0
South Auckland —						
Bay of Plenty	414	64.0	7.2	9.2	7.5	12.1
East Coast	41	51.2	2.4	17.1	14.6	14.6
Hawkes Bay	93	51.6	9.7	17.2	8.6	12.9
Taranaki	151	75.5	4.0	4.6	5.3	10.6
Wellington	171	53.8	12.3	10.5	12.3	11.1
 <u>South Island</u>						
Marlborough	33	39.4	9.1	12.1	18.2	21.2
Nelson	38	50.0	2.6	13.2	13.2	21.1
Westland	22	77.3	0.0	4.5	4.5	13.6
Canterbury	217	62.7	7.4	6.0	6.5	17.5
Otago	130	66.9	8.5	8.5	6.9	9.2
Southland	97	74.2	7.2	7.2	5.2	6.2
	1574					
National Average		64.1	6.8	8.5	8.0	12.6

TABLE 9T

How Often Respondent Listens to "Landline" on Saturday Morning —
By Farm Type

	No. of valid observations	Days Per Month				
		0 %	1 %	2 %	3 %	4 %
Dairy	501	73.7	5.2	4.8	4.4	12.0
Sheep/Beef	926	58.3	7.6	10.6	10.4	13.2
Cropping	20	60.0	10.0	10.0	0.0	20.0
Other	129	69.0	7.8	7.8	5.4	10.1
	1576					
National Average		64.1	6.8	8.5	8.0	12.6

TABLE 9U

How Often Respondent Listens to "Landline" on Saturday Morning —
By Age of Farmer

	No. of valid observations	Days Per Month				
		0 %	1 %	2 %	3 %	4 %
35 years & under	393	72.3	4.1	7.4	6.6	9.7
36-50 years	693	64.1	8.1	9.1	7.8	11.0
51-60 years	340	56.2	6.8	9.7	10.0	17.4
Over 60 years	124	56.5	8.9	7.3	9.7	17.7
	1550					
National Average		64.1	6.8	8.5	8.0	12.6

TABLE 9V

Respondent's Opinion on How Important it is that Radio N.Z.
Continue to Offer Programmes About Farming on Both the
National Programme and Commercial Stations — By Provincial Land District

	No. of valid observations	Very Important %	Important %	Neutral %	No Importance %
<hr/>					
<u>North Island</u>					
Northland	136	32.4	30.1	32.4	5.1
Central Auckland	28	35.7	17.9	25.0	21.4
South Auckland —					
Bay of Plenty	403	44.9	26.8	22.1	6.2
East Coast	41	48.8	26.8	19.5	4.9
Hawkes Bay	90	53.3	22.2	22.2	2.2
Taranaki	153	39.2	29.4	22.9	8.5
Wellington	169	46.2	33.1	17.2	3.6
 <u>South Island</u>					
Marlborough	32	62.5	18.8	12.5	6.3
Nelson	38	52.6	36.8	10.5	0.0
Westland	22	36.4	27.3	22.7	13.6
Canterbury	214	47.7	29.0	18.2	5.1
Otago	131	50.4	35.1	10.7	3.8
Southland	98	45.9	39.8	13.3	1.0
	1555				
National Average		45.1	29.5	20.0	5.3
<hr/>					

TABLE 9W

Respondent's Opinion on How Important it is that Radio N.Z.
Continue to Offer Programmes About Farming on Both the
National Programme and Commercial Stations — By Farm Type

	No. of valid observations	Very Important %	Important %	Neutral %	No Importance %
Dairy	492	37.2	29.7	26.6	6.5
Sheep/Beef	919	48.7	29.9	16.4	4.9
Cropping	19	52.6	36.8	10.5	0.0
Other	127	48.8	23.6	22.8	4.7
	1557				
National Average		45.2	29.4	20.1	5.3

TABLE 9X

Respondent's Opinion on How Important it is that Radio N.Z.
Continue to Offer Programmes About Farming on Both the
National Programme and Commercial Stations — By Age of Farmer

	No. of valid observations	Very Important %	Important %	Neutral %	No Importance %
35 years & under	393	48.1	27.5	18.8	5.6
36-50 years	684	44.2	29.2	20.6	6.0
51-60 years	334	44.6	29.9	21.9	3.6
Over 60 years	121	43.8	33.1	16.5	6.6
	1532				
National Average		45.2	29.2	20.1	5.4

TABLE 10A

Respondent's Option as a Payout Method for Meat —
By Provincial Land District

	No. of valid observations	Full Schedule %	Interim Payment %
<hr/>			
<u>North Island</u>			
Northland	139	75.5	24.5
Central Auckland	26	73.1	26.9
South Auckland — Bay of Plenty	398	76.1	23.9
East Coast	41	82.9	17.1
Hawkes Bay	90	60.0	40.0
Taranaki	146	83.6	16.4
Wellington	170	77.6	22.4
 <u>South Island</u>			
Marlborough	33	60.6	39.4
Nelson	35	60.0	40.0
Westland	21	71.4	28.6
Canterbury	213	60.1	39.9
Otago	128	58.6	41.4
Southland	94	60.6	39.4
	1534		
National Average		70.7	29.3
<hr/>			

TABLE 10B

Respondent's Option as a Payout Method for Meat —
By Age of Farmer

	No. of valid observations	Full Schedule %	Interim Payment %
35 years & under	388	76.3	23.7
36-50 years	666	68.8	31.2
51-60 years	337	70.9	29.1
Over 60 years	118	64.4	35.6
	1509		
National Average		70.8	29.2

TABLE 10C

Respondent's Option as a Payout Method for Meat —
By Size of Farm

Size of farm (hectares)	No. of valid observations	Full Schedule %	Interim Payment %
100 or less	549	75.6	24.4
101 to 300	571	68.5	31.5
Over 300	406	68.0	32.0
	1526		
National Average		70.9	29.1

TABLE 10D

Respondent's Opinion of a "Single Seller" Marketing System for Meat
 (Similar to the Present System Operated by the Dairy Board)
 By Provincial Land District

	No. of valid observations	Favourable %	No Opinion %	Opposed %
<hr/>				
<u>North Island</u>				
Northland	141	58.9	27.0	14.2
Central Auckland	28	57.1	25.0	17.9
South Auckland — Bay of Plenty	404	66.1	21.3	12.6
East Coast	40	52.5	17.5	30.0
Hawkes Bay	93	37.6	15.1	47.3
Taranaki	149	65.1	26.8	8.1
Wellington	169	65.1	13.0	21.9
 <u>South Island</u>				
Marlborough	32	53.1	18.8	28.1
Nelson	35	60.0	14.3	25.7
Westland	22	45.5	27.3	27.3
Canterbury	215	58.1	15.8	26.0
Otago	130	49.2	13.1	37.7
Southland	98	60.2	20.4	19.4
	1556			
National Average		59.4	19.4	21.1
<hr/>				

TABLE 10E

Respondent's Opinion of a "Single Seller" Marketing System for Meat
(Similar to the Present System Operated by the Dairy Board)
By Age of Farmer

	No. of valid observations	Favourable %	No Opinion %	Opposed %
35 years & under	388	59.0	18.8	22.2
36-50 years	679	61.6	18.7	19.7
51-60 years	343	58.0	20.4	21.6
Over 60 years	123	52.8	22.8	24.4
	1533			
National Average		59.4	19.4	21.1

TABLE 10F

Respondent's Opinion of a "Single Seller" Marketing System for Meat
(Similar to the Present System Operated by the Dairy Board)
By Size of Farm

Size of farm (hectares)	No. of valid observations	Favourable %	No Opinion %	Opposed %
100 or less	557	60.5	26.8	12.7
101 to 300	580	59.5	17.6	22.9
Over 300	411	57.7	12.4	29.9
	1548			
National Average		59.4	19.5	21.1

TABLE 10G

Respondent's Last Visit to a Meat Processing Plant and
Inspection of All the Facilities - By Provincial Land District

	No. of valid observations	Within the last year %	Last five years %	Last ten years %	Greater than 10 years ago %	Never %
<u>North Island</u>						
Northland	142	4.2	23.9	14.1	23.9	33.8
Central Auckland	28	3.6	25.0	25.0	14.3	32.1
South Auckland --						
Bay of Plenty	411	10.9	23.1	14.4	25.5	26.0
East Coast	41	17.1	43.9	0.0	9.8	29.3
Hawkes Bay	93	40.9	21.5	3.2	17.2	17.2
Taranaki	151	10.6	27.8	10.6	24.5	26.5
Wellington	173	12.1	30.1	12.7	20.8	24.3
<u>South Island</u>						
Marlborough	33	12.1	51.5	3.0	12.1	21.2
Nelson	36	19.4	25.0	13.9	22.2	19.4
Westland	22	27.3	13.6	4.5	13.6	40.9
Canterbury	216	26.4	29.2	10.6	18.1	15.7
Otago	131	24.4	32.1	13.7	16.0	13.7
Southland	99	41.4	38.4	8.1	6.1	6.1
	1576					
National Average		17.8	27.9	11.6	20.1	22.5

TABLE 10H

Respondent's Last Visit to a Meat Processing Plant and
Inspection of all the Facilities — By Age of Farmer

	No. of valid observations	Within the last year %	Last five years %	Last ten years %	Greater than 10 years ago %	Never %
35 years & under	392	20.9	26.3	11.2	10.2	31.4
36-59 years	687	18.8	28.8	12.2	20.5	19.7
51-60 years	348	14.9	26.7	10.9	28.7	18.7
Over 60 years	124	12.1	31.5	8.9	25.0	22.6
	1551					
National Average		17.9	27.9	11.4	20.1	22.6

TABLE 10I

Respondent's Last Visit to a Meat Processing Plant and
Inspection of all the Facilities — By Size of Farm

	No. of valid observations	Within the last year %	Last five years %	Last ten years %	Greater than 10 years ago %	Never %
100 or less	569	11.1	20.6	13.7	24.4	30.2
101 to 300	584	22.1	30.8	11.3	18.2	17.6
Over 300	415	21.7	33.7	8.9	17.1	18.6
	1568					
National Average		18.0	27.9	11.5	20.2	22.4

TABLE 10J

Respondent's Reactions to Suggested Improvements in the System of
Lamb Marketing that has Operated Over the Last 5 Years -
By Provincial Land District

	No. of valid observations	One for some %	One for all %	Multiple for all %	Status Quo %	No Opinion %
<u>North Island</u>						
Northland	126	12.7	32.5	12.7	8.7	33.3
Central Auckland	27	22.2	33.3	3.7	3.7	37.0
South Auckland —						
Bay of Plenty	372	17.2	39.2	7.3	4.8	31.5
East Coast	38	26.3	36.8	15.8	13.2	7.9
Hawkes Bay	91	33.0	24.2	13.2	18.7	11.0
Taranaki	136	14.7	30.9	8.8	8.1	37.5
Wellington	165	26.1	42.4	7.9	7.9	15.8
<u>South Island</u>						
Marlborough	32	37.5	21.9	15.6	9.4	15.6
Nelson	35	17.1	40.0	17.1	5.7	20.0
Westland	21	0.0	33.3	19.0	9.5	38.1
Canterbury	216	28.2	38.4	10.6	8.8	13.9
Otago	129	33.3	30.2	10.9	15.5	10.1
Southland	98	39.8	32.7	11.2	11.2	5.1
	1486					
National Average		23.6	35.4	10.1	9.0	22.0

TABLE 10K

Respondent's Reactions to Suggested Improvements in the System of
Lamb Marketing that has Operated Over the Last 5 Years —
By Age of Farmer

	No. of valid observations	One for some %	One for all %	Multiple for all %	Status Quo %	No Opinion %
35 years & under	377	23.9	36.3	12.5	5.3	22.0
36-50 years	644	27.0	36.2	8.9	8.5	19.4
51-60 years	330	20.0	33.6	8.8	11.8	25.8
Over 60 years	115	13.0	35.7	11.3	14.8	25.2
	1466					
National Average		23.5	35.6	10.0	8.9	22.0

TABLE 10L

Respondent's Reactions to Suggested Improvements in the System of
Lamb Marketing that has Operated Over the Last 5 Years —
By Size of Farm

Size of Farm (hectares)	No. of valid observations	One for some %	One for all %	Multiple for all %	Status Quo %	No Opinion %
100 or less	507	15.4	30.6	6.9	6.9	40.2
101 to 300	568	25.7	37.1	11.6	9.3	16.2
Over 300	404	30.7	38.9	12.1	10.6	7.7
	1479					
National Average		23.5	35.4	10.1	8.9	22.1

TABLE 10M

Respondent's Opinion of the Imposition of a Minimum Price Below
Which Lamb Could Not be Sold to Overseas Importers —
By Provincial Land District

	No. of valid observations	Favourable %	Opposed %	No Opinion %
<u>North Island</u>				
Northland	124	43.5	14.5	41.9
Central Auckland	27	25.9	29.6	44.4
South Auckland —				
Bay of Plenty	363	43.5	17.6	38.8
East Coast	38	52.6	34.2	13.2
Hawkes Bay	88	53.4	35.2	11.4
Taranaki	132	33.3	15.2	51.5
Wellington	162	48.1	26.5	25.3
<u>South Island</u>				
Marlborough	32	40.6	34.4	25.0
Nelson	35	48.6	25.7	25.7
Westland	22	50.0	13.6	36.4
Canterbury	211	61.1	20.9	18.0
Otago	125	61.6	20.8	17.6
Southland	97	60.8	23.7	15.5
	1456			
National Average		49.0	21.5	29.5

TABLE 10N

Respondent's Opinion of the Imposition of a Minimum Price Below
Which Lamb Could Not be Sold to Overseas Importers —
By Age of Farmer

	No. of valid observations	Favourable %	Opposed %	No Opinion %
35 years & under	372	48.7	23.7	27.7
36-50 years	631	51.2	20.9	27.9
51-60 years	318	45.6	21.7	32.7
Over 60 years	116	45.7	18.1	36.2
	1437			
National Average		48.9	21.6	29.6

TABLE 100

Respondent's Opinion of the Imposition of a Minimum Price Below
Which Lamb Could Not be Sold to Overseas Importers—
By Size of Farm

Size of Farm (hectares)	No. of valid observations	Favourable %	Opposed %	No Opinion %
100 or less	496	32.7	15.3	52.0
101 to 300	558	55.9	22.6	21.5
Over 300	395	59.7	27.3	12.9
	1449			
National Average		49.0	21.4	29.6

TABLE 10P

Respondent's Opinion of Restrictions on the Rights of Farmers
to Sell Through Traditional Exporters — By Provincial Land District

	No. of valid observations	Favourable %	Opposed %	No Opinion %
<hr/>				
<u>North Island</u>				
Northland	120	15.0	35.8	49.2
Central Auckland	25	8.0	44.0	48.0
South Auckland —				
Bay of Plenty	357	18.2	32.5	49.3
East Coast	38	23.7	44.7	31.6
Hawkes Bay	88	12.5	69.3	18.2
Taranaki	124	13.7	30.6	55.6
Wellington	156	21.2	42.3	36.5
 <u>South Island</u>				
Marlborough	32	12.5	46.9	40.6
Nelson	33	21.2	39.4	39.4
Westland	21	9.5	38.1	52.4
Canterbury	206	21.4	51.0	27.7
Otago	123	15.4	56.1	28.5
Southland	99	22.2	56.6	21.2
	1422			
National Average		17.8	43.5	38.7
<hr/>				

TABLE 10Q

Respondent's Opinion of Restrictions on the Rights of Farmers
to Sell Through Traditional Exporters — By Age of Farmer

	No. of valid observations	Favourable %	Opposed %	No Opinion %
35 years & under	369	16.0	42.0	42.0
36 — 50 years	616	17.5	45.9	36.5
51 — 60 years	308	18.2	40.3	41.6
Over 60	111	25.2	38.7	36.0
	1404			
National Average		17.9	43.1	39.0

TABLE 10R

Respondent's Opinion of Restrictions on the Rights of Farmers
to Sell Through Traditional Exporters — By Size of Farm

Size of Farm (hectares)	No. of valid observations	Favourable %	Opposed %	No Opinion %
100 or less	479	12.3	28.6	59.1
101 to 300	544	18.6	49.8	31.6
Over 300	392	23.2	52.3	24.5
	1415			
National Average		17.7	43.3	38.9

TABLE 11A

Respondent's Assessment of the Rate of Effectiveness Over the Last Two Years
of Farmer Co-operative Organisations Controlled by Farmer Directors —
By Provincial Land District

	No. of valid observations	Very Effective %	Effective %	So-So %	Ineffective %	Very Ineffective %	No Opinion %
<u>North Island</u>							
Northland	143	8.4	40.6	34.3	4.9	4.2	7.7
Central Auckland	28	14.3	35.7	35.7	3.6	3.6	7.1
South Auckland —							
Bay of Plenty	414	11.6	43.0	30.9	5.3	1.4	7.7
East Coast	41	7.3	34.1	36.6	7.3	7.3	7.3
Hawkes Bay	95	6.3	49.5	31.6	4.2	1.1	7.4
Taranaki	149	16.1	40.3	30.2	4.0	2.7	6.7
Wellington	171	14.0	40.9	25.7	7.0	1.8	10.5
<u>South Island</u>							
Marlborough	32	15.6	68.8	15.6	0.0	0.0	0.0
Nelson	38	21.1	39.5	18.4	5.3	2.6	13.2
Westland	22	27.3	50.0	4.5	0.0	4.5	13.6
Canterbury	216	18.5	46.8	23.1	4.2	0.9	6.5
Otago	132	25.0	41.7	25.8	0.0	0.8	6.8
Southland	99	21.2	53.5	20.2	3.0	0.0	2.0
	1580						
National Average		14.8	43.9	27.7	4.4	1.8	7.3

TABLE 11B

Respondent's Assessment of the Rate of Effectiveness Over the Last Two Years
of Farmer Co-operative Organisations Controlled by Farmer Directors —
By Type of Farm

	No. of valid observations	Very Effective %	Effective %	So-So %	Ineffective %	Very Ineffective %	No Opinion %
Dairy	499	17.2	47.7	24.8	2.8	1.4	6.0
Sheep/Beef	934	13.3	42.5	30.0	4.5	2.2	7.5
Cropping	19	10.5	47.4	26.3	10.5	0.0	5.3
Other	130	17.7	38.5	23.1	8.5	0.8	11.5
	1582						
National Average		14.9	43.9	27.7	4.4	1.8	7.3

TABLE 11C

Respondent's Assessment of the Rate of Effectiveness Over the Last Two Years
of Farmer Co-operative Organisations Controlled by Farmer Directors —
By Age of Farmer

	No. of valid observations	Very Effective %	Effective %	So-So %	Ineffective %	Very Ineffective %	No Opinion %
35 years & under	394	15.5	38.3	31.2	5.3	1.5	8.1
36-50 years	686	12.7	44.8	29.7	4.4	1.6	6.9
51-60 years	350	17.7	46.6	23.1	2.9	2.6	7.1
Over 60 years	126	17.5	47.6	19.8	4.8	1.6	8.7
	1556						
National Average		14.9	43.8	27.8	4.3	1.8	7.4

TABLE 11D

Respondent's Prediction of the Rate of Internal Inflation in N.Z.
in the Next Twelve Months — By Provincial Land District

	No. of valid observations	Rate of Inflation %
<hr/>		
<u>North Island</u>		
Northland	122	13.7
Central Auckland	25	13.4
South Auckland —		
Bay of Plenty	372	13.6
East Coast	36	14.1
Hawkes Bay	84	13.2
Taranaki	126	13.0
Wellington	158	13.7
 <u>South Island</u>		
Marlborough	30	12.8
Nelson	33	12.9
Westland	17	14.9
Canterbury	206	13.3
Otago	120	13.6
Southland	83	13.5
	1412	
National Average		13.5
<hr/>		

TABLE 11E

Respondent's Prediction of the Rate of Internal Inflation in N.Z.
in the Next Twelve Months — By Type of Farm

	No. of valid observations	Rate of Inflation %
Dairy	443	13.5
Sheep/Beef	838	13.4
Cropping	18	14.6
Other	113	13.8
	1412	
National Average		13.5

TABLE 11F

Respondent's Prediction of the Rate of Internal Inflation in N.Z.
in the Next Twelve Months — by Age of Farmer

	No. of valid observations	Rate of Inflation %
35 years & under	358	13.7
36-50 years	638	13.6
51-60 years	295	13.0
Over 60 years	102	13.0
	1393	
National Average		13.5

TABLE 11G

Respondent's Reaction to the 12 Month Wage, Price and Rent Freeze
Imposed by the Government on 22 June 1982 —
By Provincial Land District

	No. of valid observations	Favourable %	Opposed %	No Opinion %
<hr/>				
<u>North Island</u>				
Northland	143	78.3	14.7	7.0
Central Auckland	28	89.3	10.7	0.0
South Auckland —				
Bay of Plenty	414	87.4	7.7	4.8
East Coast	41	78.0	19.5	2.4
Hawkes Bay	96	84.4	9.4	6.3
Taranaki	153	90.8	3.3	5.9
Wellington	171	84.2	11.1	4.7
 <u>South Island</u>				
Marlborough	32	78.1	15.6	6.3
Nelson	38	89.5	7.9	2.6
Westland	22	81.8	9.1	9.1
Canterbury	217	88.5	6.5	5.1
Otago	132	88.6	9.1	2.3
Southland	99	91.9	5.1	3.0
	1586			
National Average		86.5	8.7	4.8
<hr/>				

TABLE 11H

Respondent's Reaction to the 12 Month Wage, Price and Rent Freeze
Imposed by the Government on 22 June 1982 —
By Type of Farm

	No. of valid observations	Favourable %	Opposed %	No Opinion %
Dairy	500	86.2	7.8	6.0
Sheep/Beef	937	87.0	8.9	4.2
Cropping	20	80.0	15.0	5.0
Other	131	85.5	9.9	4.6
	1588			
National Average		86.5	8.7	4.8

TABLE 11I

Respondent's Reaction to the 12 Month Wage, Price and Rent Freeze
Imposed by the Government on 22 June 1982—
By Age of Farmer

	No. of valid observations	Favourable %	Opposed %	No Opinion %
35 years & under	395	84.3	10.6	5.1
36-50 years	691	87.4	8.7	3.9
51-60 years	351	88.3	7.4	4.3
Over 60 years	125	87.2	4.8	8.0
	1562			
National Average		86.8	8.6	4.6

TABLE 11J

Respondent's Assessment of the Effect of the Freeze on the Financial
Position of Farming in the Short Term (Within the Next Year) —
By Provincial Land District

	No. of valid observations	Will Strengthen it %	Will Weaken it %	Neither %
<hr/>				
<u>North Island</u>				
Northland	140	57.1	11.4	31.4
Central Auckland	28	82.1	3.6	14.3
South Auckland —				
Bay of Plenty	403	65.5	6.2	28.3
East Coast	41	61.0	7.3	31.7
Hawkes Bay	96	62.5	5.2	32.3
Taranaki	151	60.9	7.3	31.8
Wellington	168	60.1	8.3	31.5
 <u>South Island</u>				
Marlborough	32	68.8	3.1	28.1
Nelson	35	65.7	5.7	28.6
Westland	21	57.1	9.5	33.3
Canterbury	215	65.1	7.4	27.4
Otago	131	65.6	9.2	25.2
Southland	97	64.9	7.2	27.8
	1558			
National Average		63.6	7.4	29.0
<hr/>				

TABLE 11K

Respondent's Assessment of the Effect of the Freeze on the Financial
Position of Farming in the Short Term (Within the Next Year) —
By Type of Farm

	No. of valid observations	Will Strengthen it %	Will Weaken it %	Neither %
Dairy	487	63.4	6.8	29.8
Sheep/Beef	927	64.8	7.1	28.0
Cropping	20	55.0	15.0	30.0
Other	126	56.3	11.1	32.5
	1560			
National Average		63.6	7.4	29.0

TABLE 11L

Respondent's Assessment of the Effect of the Freeze on the Financial
Position of Farming in the Short Term (Within the Next Year) —
By Age of Farmer

	No. of valid observations	Will Strengthen it %	Will Weaken it %	Neither %
35 years & under	393	57.8	8.7	33.6
36-50 years	690	62.8	7.4	29.9
51-60 years	334	71.6	6.6	21.9
Over 60 years	118	67.8	5.1	27.1
	1535			
National Average		63.8	7.4	28.9

TABLE 11M

Respondent's Assessment of the Effect of the Freeze on the Financial
Position of Farming in the Longer Term (Within the Next 5 to 10 Years) —
By Provincial Land District

	No. of valid observations	Will Strengthen it %	Will Weaken it %	Neither %
<hr/>				
<u>North Island</u>				
Northland	135	21.5	25.2	53.3
Central Auckland	26	30.8	11.5	57.7
South Auckland — Bay of Plenty	390	31.3	20.0	48.7
East Coast	40	37.5	15.0	47.5
Hawkes Bay	87	24.1	19.5	56.3
Taranaki	145	40.7	14.5	44.8
Wellington	161	31.7	23.0	45.3
 <u>South Island</u>				
Marlborough	32	21.9	21.9	56.3
Nelson	37	29.7	24.3	45.9
Westland	21	28.6	19.0	52.4
Canterbury	210	27.6	27.1	45.2
Otago	127	26.8	32.3	40.9
Southland	94	28.7	17.0	54.3
	1505			
National Average		29.8	21.9	48.3
<hr/>				

TABLE 11N

Respondent's Assessment of the Effect of the Freeze on the Financial
Position of Farming in the Longer Term (Within the Next 5 to 10 Years) —
By Type of Farm

	No. of valid observations	Will Strengthen it %	Will Weaken it %	Neither %
Dairy	469	31.1	18.1	50.7
Sheep/Beef	896	29.2	23.2	47.5
Cropping	19	15.8	26.3	57.9
Other	123	30.9	27.6	41.5
	1507			
National Average		29.8	22.0	48.2

TABLE 11O

Respondent's Assessment of the Effect of the Freeze on the Financial
Position of Farming in the Longer Term (Within the Next 5 to 10 Years) —
By Age of Farmer

	No. of valid observations	Will Strengthen it %	Will Weaken it %	Neither %
35 years & under	380	23.7	23.2	53.2
36-50 years	671	25.9	23.2	50.8
51-60 years	320	40.6	18.4	40.9
Over 60 years	112	42.0	18.8	39.3
	1483			
National Average		29.7	21.8	48.4

TABLE 11P

Respondent's Preference of the Following Options —
By Provincial Land District

1. High Return on Investment in Land and Low Capital Gain Upon Sale.
2. Low Return on Investment in Land and High Capital Gain Upon Sale.

	No. of valid observations	High return low capital gain (1) %	Low return high capital gain (2) %
<hr/>			
<u>North Island</u>			
Northland	135	83.7	16.3
Central Auckland	26	88.5	11.5
South Auckland —			
Bay of Plenty	405	84.2	15.8
East Coast	40	90.0	10.0
Hawkes Bay	94	89.4	10.6
Taranaki	142	83.1	16.9
Wellington	170	87.6	12.4
 <u>South Island</u>			
Marlborough	31	87.1	12.9
Nelson	37	89.2	10.8
Westland	18	66.7	33.3
Canterbury	214	88.8	11.2
Otago	130	89.2	10.8
Southland	94	87.2	12.8
	1536		
National Average		86.2	13.8
<hr/>			

TABLE 11Q

Respondent's Preference of the Following Options —
By Type of Farm

1. High Return on Investment in Land and Low Capital Gain Upon Sale.
2. Low Return on Investment in Land and High Capital Gain Upon Sale.

	No. of valid observations	High return & low capital gain (1) %	Low return & high capital gain (2) %
Dairy	476	82.6	17.4
Sheep/Beef	917	87.7	12.3
Cropping	20	90.0	10.0
Other	125	87.2	12.8
	1538		
National Average		86.1	13.9

TABLE 11R

Respondent's Preference of the Following Options —
By Age of Farmer

1. High Return on Investment in Land and Low Capital Gain Upon Sale.
2. Low Return on Investment in Land and High Capital Gain Upon Sale.

	No. of valid observations	High return & low capital gain (1) %	Low return & high capital gain (2) %
35 years & under	391	88.7	11.3
36-50 years	671	86.4	13.6
51-60 years	332	84.9	15.1
Over 60 years	119	77.3	22.7
	1513		
National Average		86.0	14.0

TABLE 12A

Values of Assets as at 30 June 1982 according to Respondent's Latest
Balance Sheet and/or own Estimates —
By Provincial Land District

	No. of valid observations	Farmland \$	Other Farm Assets \$	Off-Farm Assets \$
<u>North Island</u>				
Northland	122	333,291	87,599	16,396
Central Auckland	28	382,264	75,928	48,661
South Auckland —				
Bay of Plenty	363	523,155	97,476	42,334
East Coast	34	468,223	139,041	32,983
Hawkes Bay	84	639,983	135,055	27,770
Taranaki	130	379,266	91,722	30,399
Wellington	150	446,784	98,220	30,856
<u>South Island</u>				
Marlborough	30	456,922	98,056	35,185
Nelson	33	294,542	72,241	18,152
Westland	20	307,995	94,156	15,000
Canterbury	201	466,170	100,530	32,707
Otago	117	572,130	137,060	14,021
Southland	88	411,316	96,930	19,549
	1400			
National Average		466,055	102,066	30,514

TABLE 12B

Values of Assets as at 30 June 1982 according to Respondent's Latest
Balance Sheet and/or own Estimates —
By Farm Type

	No. of valid observations	Farmland \$	Other Farm Assets \$	Off-Farm Assets \$
Dairy	420	397,649	90,644	22,759
Sheep/Beef	842	493,312	108,762	28,942
Cropping	17	377,125	101,735	25,319
Other	123	530,892	96,479	69,500
	1402			
National Average		466,055	102,066	30,514

TABLE 12C

Distribution of Liabilities as at End of 1981-82 Season —
By Source

	No. of valid observations	Average Amount Borrowed \$	Long Term %	Medium Term %	Short Term %
1. Rural Bank	964	54,336	79	18	3
2. Govt Agency (Other)	114	50,246	89	9	3
3. Trustee Savings Bank	80	49,885	47	41	11
4. Your Trading Bank	562	20,764	7	34	59
5. Building Society	43	23,169	72	19	9
6. Insurance Company	216	48,433	72	21	7
7. Stock & Station Agent	172	25,075	6	12	81
8. Trust Company	63	58,265	48	29	24
9. Solicitor's Trustee Funds	175	47,647	15	25	61
10. Family Loan	438	41,078	55	30	15
11. Private Source	161	53,239	11	56	32
12. Local Body	129	10,484	90	8	2
13. Finance Company	82	24,088	7	16	77
14. Dairy Company	60	21,183	20	43	37
15. Private Savings Bank	10	21,655	50	20	30
16. Other	65	39,974	45	31	25
	3334				
Weighted Average of All Liabilities		40,649 ¹			
Average Liabilities		103,138 ²			

¹ This is the sum of all liabilities divided by the total number of valid observations.

² This is the sum of all liabilities divided by the number of respondents.

TABLE 12D

New Loans During the 1981-82 Production Season -
By Source

	No. of valid observations	Average Amount Borrowed \$	Average Interest Rate %	Long Term %	Medium Term %
1. Rural Bank	352	40,574	9.4	64	36
2. Other Govt Agency	22	47,866	9.4	77	23
3. Trustee Savings Bank	19	93,421	14.7	37	63
4. Your Trading Bank	216	21,028	15.7	5	95
5. Building Society	12	42,750	13.9	75	25
6. Insurance Company	35	36,995	14.3	66	34
7. Stock & Station Agent	46	30,704	15.1	6	93
8. Trust Company	13	70,223	15.8	46	54
9. Solicitor's Trustee Funds	49	49,593	16.3	20	80
10. Family Loan	53	40,481	11.5	38	62
11. Private Source	26	43,816	15.2	8	92
12. Local Body	29	13,508	9.6	97	3
13. Finance Company	47	29,539	17.2	0	100
14. Dairy Company	22	17,391	14.5	9	91
15. Private Savings Bank	6	24,749	13.9	33	67
16. Other	16	61,357	12.4	19	81
	963				
Weighted Average of all Sources		36,130*			

* This figure represents the sum of the amounts of all loans divided by the total number of loans.

TABLE 12E

Respondent's Main Reasons for Additional Medium and Long
Term Borrowing in 1980-81

	Proportion of new borrowing %
To purchase new or additional land	16.6
To finance farm development	45.7
To purchase plant and machinery	14.6
To refinance existing loans	13.8
For personal reasons	9.2
No. of valid observations	582

TABLE 12F

Respondent's Ability to Borrow All the Money Required
During the 1981-82 Season

	%
Did not apply to borrow funds	59.5
Yes	16.9
No	8.3
Don't Know	15.3
No. of valid observations	915

TABLE 12G

Average Amount Which Respondent Was Unable to Borrow

	No. of valid observations	Amount \$
To purchase new or additional land	38	82,685
To finance farm development	96	17,714
To purchase plant and machinery	31	11,226
To refinance existing loans	35	28,603
For personal reasons	23	14,097

TABLE 12H

Reasons Given For Declining Funds

	No. of valid observations	Average %
Income not sufficient	32	3
No funds available	73	6
No reason given	19	2
Other	24	2
Did not seek finance	691	53
Was not refused finance	458	35

TABLE 12I

During the 1981-82 Season did Respondent Either:

Not borrow but believe he could have obtained finance if required OR
Borrowed finance but believed that if required could have borrowed more

	No. of valid observations	Average %
Yes	845	67
No	170	14
Don't Know	221	18

TABLE 12J

Why Respondent Did Not Borrow More Finance During 1981-82

	No. of valid observations	Average %
Refused by lending institutions	64	5
Didn't want to increase indebtedness	513	40
Repayments too difficult	115	9
No profitable use for additional finance	480	37
Other	97	8

APPENDIX A

COPY OF QUESTIONNAIRE



Lincoln College

Lincoln College
Canterbury
New Zealand

UNIVERSITY COLLEGE OF AGRICULTURE

Telephone: Christchurch 228 029

LINCOLN COLLEGE FARMER

INTENTIONS AND OPINIONS SURVEY

1982



Lincoln College

Lincoln College
Canterbury
New Zealand

UNIVERSITY COLLEGE OF AGRICULTURE

Telephone: Christchurch 252 811

LINCOLN COLLEGE FARMER INTENTIONS
AND OPINIONS SURVEY, 1982

October 1982

Dear Farmer,

Over each of the last five years I have conducted a nationwide postal sample survey of Farmer Intentions and Opinions. Thanks to the wonderful co-operation of farmer respondents I have gained a unique insight into farmer thinking on a wide range of issues. Many of the collective views have been made known to farming leaders, the agri-business sector supplying your inputs and handling your outputs and finally the policy-makers, to the advantage of the farming community.

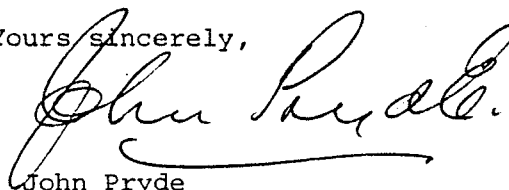
This year I have again been asked if I could get some direct views from farmers on a number of issues that are important to the farming industry, to the industries servicing farming and to the nation. I have decided to undertake a further survey and the attached questionnaire raises the major issues on which I would like your opinions. I would deem it a great personal favour if you would be prepared to go through the questionnaire and indicate your views. I have tried to simplify the answering; I hope you find responding to the questionnaire a stimulating and useful exercise. I can assure you the subjects are all of considerable moment especially at a period when farming is undergoing a difficult period and farmers appear to be very apprehensive.

Ideally I would like to be able to call personally and chat with each one of you; but clearly with 3,000 farmers in the sample this is just not possible, physically or financially. Besides, it would be difficult to select a time convenient to you. Actually I prefer a mail questionnaire as you can fill it in at a convenient opportunity and in the privacy of your own home. I often feel that you are plagued by too many people (most of whom are not familiar with agriculture) knocking on your door and taking up your valuable time when you are heavily involved in one of your farming activities.

Again I promise your own views will remain confidential to me. I hope you will go through the questionnaire, write in your responses and post them to me in the enclosed addressed envelope as soon as you possibly can. When I have enough responses I shall be announcing some of the over-all results and you will be able to compare your own views with those of farmers generally.

Meanwhile, thanks again for your continued help and co-operation.

Yours sincerely,



John Pryde

RESEARCH FELLOW IN AGRICULTURAL POLICY

P.S. No stamp is required on the enclosed reply envelope.

LINCOLN COLLEGE FARMER INTENTIONS AND OPINIONS SURVEY

OCTOBER-NOVEMBER 1982

Please answer questions by inserting the appropriate number in the box. In some cases the response required is a few words.

1. PROVINCIAL LAND DISTRICT

Your farm is in the Provincial Land District of:

Northland	(1)	Marlborough	(8)
Central Auckland	(2)	Nelson	(9)
South Auckland -	(3)	Westland	(10)
Bay of Plenty			
East Coast	(4)	Canterbury	(11)
Hawkes Bay	(5)	Otago	(12)
Taranaki	(6)	Southland	(13)
Wellington	(7)		

2. FARM AREA

In hectares, the area of your farm totals:
(One hectare = approx. 2.5 acres)

3. TYPE OF FARM

Your farm is mainly:

Dairying	(1)	(Now go to Q.4)
Sheep-Beef	(2)	(Now go to Q.5)
Cropping	(3)	(Now go to Q.6)
Other	(4)	(Now go to Q.6)

4. DAIRY FARMERS

- (A) Your total cows in milk at December 1981:
- (B) Your total cows in milk at December 1982 will be:
- (C) Average milkfat per cow in the 1981/82 season was (in kilograms):
- (D) This 1982/83 season you expect the average milkfat per cow will be (in kilograms):

NOW GO TO Q.6

5. SHEEP AND BEEF FARMERS

- (A) You would describe your farm as mainly:

High Country (1) Intensive Fattening (4)

Hill Country (2) Fattening Breeding (5)

Hard Hill Country (3) Mixed Cropping and (6)

Fattening

--

- (B) Sheep Numbers

- (i) As at 30 June 1982 how many ewe hoggets did you have?
- (ii) How many ewe hoggets did you put to the ram in the autumn of 1982?
- (iii) Excluding those ewe hoggets, how many breeding ewes did you have at mid-1982?
- (iv) Last year as at 30 June 1981 how many ewe hoggets did you have?
- (v) How many ewe hoggets did you put to the ram in the autumn of 1981?
- (vi) Excluding those ewe hoggets, how many breeding ewe did you have at mid-1981?

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- (C) What were your general intentions toward fat lamb production over the past 10 years?

To Increase production (1)
 To Maintain production (2)
 To Decrease production (3)

☐

- (D) How relevant were each of the following factors to your fat lamb production policy over the past 10 years?

Very Important (1) Unimportant (4)
 Important (2) Very Unimportant (5)
 Neutral (3)

Changes in the price of lamb
 Introduction of a guaranteed price for lamb
 Changes in wool price
 Changes in beef price
 Rising On-farm costs
 Changes in labour availability
 Changes in killing and freezing charges
 Changes in transport costs to works
 Changes in external market conditions
 Changes in farm size
 Desire to diversify to horticulture
 Personal preferences
 Introduction of irrigation
 Desire for greater income
 Pride in your stock
 Nearing retirement
 Other _____

- (E) What was your actual fat-lamb production trend over the last 10 years?

Increased (1) Maintained (2) Decreased (3)

☐

(F) Female Beef Breeding Cow/Heifers

- (i) As at 30 June 1981 how many female beef breeding cows/heifers did you have?
- (ii) How many of these were heifers?
- (iii) At 30 June 1982 how many female breeding cows/heifers do you estimate you had?
- (iv) How many do you estimate were heifers?

6. FENCING

What length of new fencing (in metres) do you intend to erect in the 1982-83 season and what did you erect in the 1981-82 season? (1 chain = 20 metres). If None please enter 0.

	1981-82	1982-83
New fencing		

7. FARM BIKES

- (A) How many Two Wheeler farm bikes of the following CC ratings do you own?

0 - 100 cc

101 - 125 cc

126 - 200 cc

Over 200 cc

- (B) How many Three Wheeler farm bikes of the following CC ratings do you own?

0 - 125 cc

Over 125 cc

- (C) If you were purchasing a new farm bike how important would you rate each of the following features?

Very Important (1) Not Important (3)

Important (2) No opinion (4)

- (a) Low seat height
- (b) Long suspension height
- (c) Resale Value
- (d) Reliable starting
- (e) Service and parts backup
- (f) Low gearing
- (g) Enclosed chain
- (h) Sealed chain
- (i) Power to pull a trailer
- (j) Centifugal clutch

- (D) Your current farm bike(s) motor(s) are:

Two Stroke (1) One or more of each (3)

Four Stroke (2) Don't Know (4)

--

- (E) How many years would you keep your farm bike?

--

- (F) Would you buy another farm bike of the same brand as the one you currently own?

Yes (1) No (2) Don't Know (3)

--

8. YOUR FARM OUTPUT

If you were asked what in your opinion are the three most important factors limiting an expansion of output on your farm which 3 would you nominate? If you have a factor not listed below please enter it on the line provided and leave a box empty.

(Please read through the entire list prior to deciding.)

Finance - its availability (1)

Finance - its cost (2)

Income tax levels (3)

Death duty levels (4)

Adverse climate (5)

Availability of trained labour (6)

Cost of trained labour (7)

Cost of providing housing for additional labour (8)

Cost of additional farm inputs (9)

Instability of farm product prices (10)

The size of your farm (11)

Your age and state of health (12)

The productive limitations of the type of land you farm (13)

Pests and/or weeds (14)

Animal diseases (15)

Industrial unrest in the industries servicing farming (e.g. freezing works) (16)

Inadequate profits from expanded output (17)

Availability and/or cost of transport of inputs and output (18)

High cost of farm machinery (19)

Disappointing performance of your animals (20)

Other (please specify) _____

9. YOUR IDEA OF THE MOST EFFECTIVE EXPANSION INCENTIVE

To achieve the greatest increase in farm production which one of the following would you say would be the most effective incentive? If your incentive is not included below please enter it on the line provided and leave the box empty.

(Please read through the entire list before deciding)

Reduction in Income Tax (1)

Reduction in death duties (2)

An increased subsidy to reduce cost of fertiliser (3)

A cash grant for each head of sheep and/or cattle (4)

Higher supplementary minimum prices (5)

A significant reduction in the internal inflation rate (6)

An increase in availability of farm credit (7)

A reduction in the cost of farm credit (8)

More intensive research into the on-farm problems encountered by farmers (9)

Less Government involvement in farming including a reduction in subsidies and grants (10)

Increased extension facilities (11)

Other (please specify) _____

10. PASTURE RENOVATION

(A) What percentage of your farm do you regard as ploughable?

Under 25 %	(1)	50-75 %	(3)
25-50 %	(2)	75-100 %	(4)

(B) Do you carry out a pasture improvement programme?

Yes (1) No (2)

- (C) In hectares what pasture area approximately did you improve last year and how many hectares do you intend improving this year?

Last Season

This Season

- (D) Which one of the following methods do you use in your pasture improvement programme?

Broadcast seed (1)
 Mechanical Cultivation (2)
 Chemical Treatment (3)
 Undersowing (4)
 More than one Method (5)

--

- (E) How would you rate the results of pasture improvement that you have undertaken?

Excellent (1) Poor (3)
 Good (2) Disastrous (4)

--

- (F) Scrub and brushweed on your farm is mainly of the following type:

Scattered (1) Solid Blocks (2) Both (3)
 No Scrub or Brushweed (4)

--

- (G) In hectares what area of scrub and brushweed do you have on your farm (1 hectare=2.5 acres)

Scrubweed

Gorse

Blackberry

Broom

Other Scrub

- (H) How many hectares, if any, of scrub and brushweed did you clear in 1981-82 and how many hectares do you intend clearing this season (1982-83)?

1981-82

1982-83

- (I) What method of clearing do you use?

Chemical (1) Mechanical (2) Both (3)
 Other (4) Did not clear any scrub (5)
 No Scrub to clear (6)

- (J) Was the clearing successful?

Yes (1) No (2) Don't Know (3)
 Did not clear any scrub (4)
 No scrub to clear (5)

11. STOCK AND STATION AGENTS

- (A) Do you consider Stock and Station Companies to have a vital role to play in the future, servicing New Zealand farmers?

Yes (1) No (2) Don't Know (3)
 No Opinion (4)

- (B) Providing rationalisation benefits can be demonstrated by reducing the number of Stock and Station companies in your district to say two, would you consider this to be an acceptable situation?

Yes (1) No (2) Don't Know (3)
 No Opinion (4)

- (C) If you were asked to rate the service provided by Stock and Station Companies' outside representatives you would assess them as:

Over done (1) Adequate (2) Inadequate (3)
 No opinion (4)

- (D) How many times a year do you expect your livestock representative to visit you?

- (E) Do you think that the livestock commission scale of charges should be amended to provide an incentive to those who sell volume lots and a dis-incentive to those who sell smaller lots?

Yes (1) No (2) Don't Know (3)
No Opinion (4)

☐

- (F) With changing agricultural practices and techniques particularly in terms of agricultural chemicals, fertilisers, pasture and crop varieties and their management, which one of the following would you consider to be your major source of information and advice?

The Media (newspapers, TV, Radio) (1)

MAF Advisory Service (2)

Other Advisory Services (3)

Stock and Station Reps. (4)

Manufacturers Reps. (5)

Other (please specify) _____ (6)

☐

- (G) With the trend to centralistaion what level of importance do you attach to having local facilities for Seed Cleaning and Grain Storage?

Very Important (1) Important (2)

Neutral (3) Unimportant (4)

You Strongly disagree with Centralisation (5)

☐

- (H) At present there are eight Wool Selling Centres throughout New Zealand. Which of the following options would you consider to be the most desirable?

Remain as is (1) One Centre in each Island (2)

A Single Selling Centre (3)

☐

12. FERTILISER

- (A) By which method do you usually apply most of your fertiliser?

Surface Ground spreader (1)

Helicopter (2)

Fixed Wing Aircraft (3)

Drilled (4)

Side Dressed (5)

☐

- (B) The following selection and tonnages of various fertilisers are equivalent in Cost. If you were offered any one which one would you chose?

1 tonne of Urea	(1)
1 tonne of 12.10.10	(2)
2.5 tonnes of Potassic Superphosphate	(3)
1 tonne of M.A.P.(Mono Ammonium Phosphate)	(4)
3 tonnes of Serpentine Super	(5)
1 tonne of 10.18.18	(6)
1 tonne of D.A.P.(Di Ammonium Phosphate)	(7)
2.5 tonnes of Superphosphate	(8)
1 tonne of any other fertiliser	(9)

☐

(If another fertiliser please specify _____)

- (C) Compared to the fertiliser products you presently use would you be prepared to pay extra for the options?

Yes (1) No (2) Don't Know (3)

A more concentrated fertiliser

Better physical quality

Better ratios of N.P.K.

Superior Chemical quality

☐
☐
☐
☐

- (D) Which one of the following fertiliser products do you consider will become more widely used in the future in your farming enterprise?

Concentrated N.P.K.S.	(1)
Traditional single super-based products	(2)
Liquid fertilisers	(3)
Suspensions	(4)
Triple Superphosphate	(5)

☐

- (E) Which one of the following provided you with advice on your fertiliser programme when you last applied fertiliser to your pasture?

MAF Advisor	(1)
Private Consultant	(2)
Fertiliser Company Rep.	(3)
Stock and Station Agent	(4)
Researcher (University or MAF)	(5)
Neighbour	(6)
Soil Testing Firm	(7)
Other	(8)
No Advice sought	(9)

☐

- (F) If you were purchasing fertiliser how important would you rate each of the following characteristics?

Very Important (1) Neutral (3)
Important (2) No Importance (4)

Excellence of physical and handling properties

Cost per tonne

Guaranteed solubility

Highly concentrated

The cost per kg of soluble nutrients

Every granule must contain the correct
proportion of nutrient

- (G) How do you rate your satisfaction with each one of the following features of the fertiliser you currently use?

Very Satisfied (1) Dissatisfied (4)
Satisfied (2) Very Dissatisfied (5)
Neutral (3) No Opinion (6)

Cost

Percentage of available phosphorus

Physical Quality

Concentration per tonne weight

Quality of service provided by suppliers

13. INSURANCE

- (A) Who is involved in your general farm paperwork, and with your insurance matters?

Husband mostly (1) Husband and wife Equally (3)
Wife mostly (2) Other (4)

General Farm Paperwork

Insurance Matters

- (B) When you are reviewing your fire and general insurances, or are considering changing insurance companies, how often would you seek advice from the following people?

Always (1) Often (2) Sometimes (3)
Rarely (4) Never (5)

Stock and Station Agent

Farm Advisor

Solicitor

Accountant

Bank Manager

Wife/Husband

Other family members, friends

Life insurance agents

Others (please specify _____)

Make decision yourself

- (C) If insurance companies were to offer an office service only, with no visits to your farm, what would be your opinion of the service?

Favourable (1) Opposed (2) No opinion (3)

--

- (D) If you have changed insurance companies for any of your farm assets within the last 3 years, which one of the following reasons best describes why you changed?

Dissatisfaction with previous company (1)

Requirement of mortgage or finance (2)

Price (3)

Better service (4)

Better policy (5)

Better service (6)

Other (please specify _____) (7)

--

14. RADIO

- (A) How often do you listen to 'Rural Report' each week on the National Programme at lunchtime? ☐
- (B) How often does the next most frequent listener in your household listen to 'Rural Report' each week? ☐
- (C) How often each week do you listen to farm news on your local commercial station at lunchtime? ☐
- (D) On how many days of the week do you listen to farm news on your local commercial station and then switch over to 'Rural Report' on the National Programme? ☐
- (E) How often each week do you listen to farm news before 7 o'clock in the morning on your local commercial station? ☐
- (F) How often each month do you listen to 'Minute with Meat' on your local commercial station on Saturday morning? ☐
- (G) How often each month do you listen to the programme 'Landline' on the National Programme on Saturday mornings? ☐
- (H) In your opinion, how important is it that Radio New Zealand continue to offer programmes about farming on both the National Programme and Commercial stations?
- Very Important (1) Neutral (3)
Important (2) No Importance (4) ☐

15. MEAT INDUSTRY

- (A) As a farmer which one of the following options do you favour as a payout method for meat?
- Full Schedule payout at slaughter (1) ☐
- Interim Payment (say 90%) at slaughter
and a later payout of the residual (2) ☐

- (B) As a farmer what would be your opinion of a "single seller" marketing system for meat (similar to the present system operated by the Dairy Board)?

Favourable (1) No opinion (2) Opposed (3)

☐

- (C) When was the last time you visited a meat processing plant and inspected all the facilities?

Within the last year (1)
 Within the last 5 years (2)
 Within the last 10 years (3)
 Greater than 10 years ago (4)
 Never (5)

☐

- (D) If you were asked to suggest improvements in the system of lamb marketing that has operated over the last 5 years which one of the following alternatives would you opt for?

One selling organisation for particular markets and multiple sellers for traditional markets (1)

One selling organisation for all markets (2)

Multiple sellers for all markets (3)

Continuation of the system operative over the last 5 years (4)

Have no opinion (5)

☐

- (E) With respect to lamb marketing what is your opinion as a farmer of the following ?

Favourable (1) Opposed (2) No Opinion (3)

The imposition of a minimum price below which lamb could not be sold to overseas importers

☐

Restrictions on the rights of farmers to sell through traditional exporters (e.g. selling on consignment)

☐

16. FARMER OPINION

- (A) If you were asked to rate the effectiveness over the last two years of farmer co-operative organisations controlled by farmer directors, you would assess them as:

Very Effective	(1)	Ineffective	(4)
Effective	(2)	Very Ineffective	(5)
So-So	(3)	No Opinion	(6)

☐

- (B) If you were asked to predict the rate of internal inflation in New Zealand in the next twelve months what would you consider the most likely rate to be? (as measured by the Consumer Price Index)

☐

- (C) On 22 June 1982 the Government imposed a 12 month wage, price and rent freeze. What was your immediate reaction to the measures introduced?

Favourable (1) Opposed (2) No opinion (3)

☐

- (D) Assuming the freeze continues for a full year what is your assessment of its effect on the financial position of your farming operation, in the short term (within the next year) and in the longer term (within the next 5 to 10 years)?

Will strengthen it (1) Will weaken it (2) Neither (3)

In the short term

☐

In the longer term

☐

- (E) As a farmer which of the following options would you prefer:

High Return on investment in land and low capital gain upon sale	(1)
Low Return on investment in land and high capital gain upon sale	(2)

☐

17. CAPITAL STRUCTURE AND INVESTMENT

- (A) According to your latest Balance Sheet and/or your own estimates please enter the values of your assets as at 30 June 1982.

1. Farmland
2. Other Farm Assets
3. Off-Farm Assets

- (B) At the end of the 1981-82 season how were your liabilities distributed among the following sources? Please indicate the term for which each loan was granted

- | | |
|----------------------------------|-----|
| Long Term (longer than 10 years) | (1) |
| Medium Term (3-10 years) | (2) |
| Short Term (up to 3 years) | (3) |
| Lender | |

	Amount	Term
1. Rural Banking and Finance Corp.		
2. Govt. Agency other than RBFC		
3. Trustee Savings Bank		
4. Your Trading Bank		
5. Building Society		
6. Insurance Company		
7. Stock and Station Agent		
8. Trust Company		
9. Solicitors' Trustee Funds		
10. Family loan		
11. Private Source		
12. Local Body		
13. Finance Company		
14. Dairy Company		
15. Private Savings Bank		
16. Other(specify) _____		

- (C) In the following table could you indicate approximately your new borrowings in respect to medium and long term loans during the 1981-82 production season and the rate of interest you are being charged, also please indicate whether the loan was medium or long term in the third column.

Long Term (longer than 10 years)

(1)

Medium Term (3-10 years)

(2)

Lender	Amount	Int.	Term
1. Rural Banking and Finance Corp.			
2. Govt. Agency other than RBFC			
3. Trustee Savings Bank			
4. Your Trading Bank			
5. Building Society			
6. Insurance Company			
7. Stock and Station Agent			
8. Trust Company			
9. Solicitors' Trustee Funds			
10. Family loan			
11. Private source			
12. Local Body			
13. Finance Company			
14. Dairy Company			
15. Private Savings Bank			
16. Other(specify)_____			

(D) MAIN REASONS FOR THE NEW BORROWINGS

If you were asked to state the main reasons for your additional medium and long term borrowing in 1980-81 how would you apportion them among the following?

Reason	Percentage of New Borrowing
1. To purchase new or additional land	<input type="text"/>
2. To finance farm development	<input type="text"/>
3. To purchase plant and machinery	<input type="text"/>
4. To refinance existing loans	<input type="text"/>
5. For personal reasons	<input type="text"/>
6. I did not borrow additional funds	<input type="text"/>

- (E) If you formally applied to borrow funds during the 1981-82 season, were you able to borrow all the money you needed for your farming requirements (including development and land purchase)

Yes (1) No (2) Don't Know (3)

- (F) Could you please indicate the amount you were unable to borrow in the box beside the purpose for which the loan(s) were required.

Reason	Amount
1. I was not refused finance	<input type="text"/>
2. To purchase new or additional land	<input type="text"/>
3. To finance farm development	<input type="text"/>
4. To purchase plant and machinery	<input type="text"/>
5. To refinance existing loans	<input type="text"/>
6. For personal reasons	<input type="text"/>
7. I did not borrow additional funds	<input type="text"/>

(G) What reason was given for declining your application for funds?

Insufficient Security	(1)
Income not sufficient to meet repayments	(2)
No funds available	(3)
No reason given	(4)
Other _____	(5)
Did not seek Finance	(6)
Was not refused finance	(7)

☐

(H) During the 1981-82 season did you either :

Not borrow but believe you could have
obtained finance if required

or

Borrowed finance but believed that if
required could have borrowed more

Yes (1) No (2) Don't Know (3)

☐

(I) Why did you not borrow (more) finance during 1981-82?

Refused by lending institutions	(1)
Didn't want to increase indebtedness	(2)
Repayments too difficult	(3)
No profitable use for additional finance	(4)
Other _____	(5)

☐

18. PERSONAL

Now I would like to know a few details about the person answering this questionnaire.

A. Age (in years).

B. Sex Male (1) Female (2)

C. Education

Highest Level obtained:

Primary/Intermediate (1)

Secondary School (2)

School Certificate (3)

Sixth Form Certificate (4)

University Entrance (5)

Seventh Form (6)

--

D. Have you attended a course/courses with any of the following Tertiary Institutions?

Yes (1) No (2)

Lincoln College or Massey University

Technical Correspondence Course

Trades Certificate in Farming

Course at Flock House or Telford

Other Tertiary (specify) _____

E. Have you travelled abroad to observe farming in other countries?

Yes (1) No (2)

--

You have now completed the questionnaire. Place it in the stamped addressed envelope and post it. We will then be able to process your answers along with the others to get the overall situation especially for the coming season. Your answers remain confidential to me.

Thank you for your co-operation.

John Pryde

APPENDIX B

SAMPLE STATISTICS

TABLE A.I

Distribution of Respondents —
By Provincial Land District

	No. of valid observations	%
<u>North Island</u>		
Northland	146	9.1
Central Auckland	28	1.7
South Auckland —		
Bay of Plenty	425	26.4
East Coast	41	2.5
Hawkes Bay	96	6.0
Taranaki	154	9.6
Wellington	175	10.9
<u>South Island</u>		
Marlborough	34	2.1
Nelson	38	2.4
Westland	23	1.4
Canterbury	218	13.5
Otago	133	8.3
Southland	99	6.1
	<hr/> 1610	<hr/> 100.0

TABLE A2

Distribution of Respondent Farm Types —
By Provincial Land District

	Mainly Dairy No.	Mainly Sheep/Beef No.	Mainly Cropping No.	Other No.
<u>North Island</u>				
Northland	72	62	0	11
Central Auckland	12	13	0	3
South Auckland —				
Bay of Plenty	239	151	1	34
East Coast	3	33	1	4
Hawkes Bay	11	80	1	4
Taranaki	98	48	0	8
Wellington	35	131	1	8
<u>South Island</u>				
Marlborough	3	29	1	1
Nelson	12	21	0	5
Westland	7	15	1	0
Canterbury	9	158	12	39
Otago	9	117	1	6
Southland	2	85	2	10
New Zealand	512	943	21	133

Note: The "Other" category comprises respondents who could not describe their farm as being "mainly" one of the other three categories. They described themselves as follows:

Dairy/Sheep/Beef	34
Sheep/Beef/Cropping	51
Dairy/Cropping	1
Dairy/Sheep/Beef/Cropping	7
Other	40
	133

In some cases respondents stated that they were unsure of what criterion to use when describing their farm type.

TABLE B1
Average Area of Farms Surveyed —
By Provincial Land District

	No. of valid observations	Average Size (hectares)
<hr/>		
<u>North Island</u>		
Northland	146	176
Central Auckland	28	124
South Auckland —		
Bay of Plenty	423	183
East Coast	41	563
Hawkes Bay	95	413
Taranaki	153	195
Wellington	175	342
 <u>South Island</u>		
Marlborough	32	587
Nelson	37	231
Westland	23	535
Canterbury	216	352
Otago	131	838
Southland	99	300
	<hr/>	<hr/>
	1599	
National Average		321
<hr/>		

TABLE B2
Average Area of Farms Surveyed —
By Farm Type

	No. of valid observations	Average Size (hectares)
Dairy	510	95
Sheep/Beef	935	464
Cropping	21	182
Other	133	206
	<hr/> 1599	
National Average		321

TABLE B3
Average Area of Farms Surveyed —
By Age of Respondents

	No. of valid observations	Average Size (hectares)
35 years & under	395	324
36-50 years	693	354
51-60 years	347	278
Over 60 years	130	274
	<hr/> 1565	
Average, all ages		321

TABLE C1

Classification of Responding Sheep and Beef Farmers —
By Type of Farm

Type of Farm	No.	% of Total
High Country	19	2.0
Hill Country	258	27.5
Hard Hill	72	7.7
Intense Fattening	101	10.8
Fattening/Breeding	418	44.5
Mixed	71	7.6
	<hr/> 939 <hr/>	

TABLE D1

Age of Respondent —
By Provincial Land District

	No. of valid observations	Average age (years)
<u>North Island</u>		
Northland	143	44.7
Central Auckland	27	47.8
South Auckland —		
Bay of Plenty	413	44.3
East Coast	41	39.0
Hawkes Bay	94	46.0
Taranaki	151	45.0
Wellington	173	43.0
<u>South Island</u>		
Marlborough	33	46.5
Nelson	38	46.0
Westland	22	47.1
Canterbury	211	44.4
Otago	129	43.0
Southland	99	41.7
	1574	
National Average		44.2

TABLE D2

Age of Respondent —
By Farm Type

	No. of valid observations	Average age (years)
Dairy	497	43.8
Sheep/Beef	927	44.3
Cropping	19	40.9
Other	133	45.1
	1576	
National Average		44.2

TABLE E1
Sex of Respondent —
By Provincial Land District

	No. of valid observations	Male %	Female %
<hr/>			
<u>North Island</u>			
Northland	145	93.8	6.2
Central Auckland	27	96.3	3.7
South Auckland —			
Bay of Plenty	415	94.7	5.3
East Coast	41	97.6	2.4
Hawkes Bay	95	95.8	4.2
Taranaki	151	94.0	6.0
Wellington	174	98.3	1.7
 <u>South Island</u>			
Marlborough	33	87.9	12.1
Nelson	38	97.4	2.6
Westland	22	95.5	4.5
Canterbury	213	95.8	4.2
Otago	129	97.7	2.3
Southland	99	100.0	0.0
National Average		95.8	4.2
<hr/>			

TABLE E2
Sex of Respondent —
By Farm Type

	No. of valid observations	Male %	Female %
<hr/>			
Dairy	500	93.6	6.4
Sheep/Beef	931	97.0	3.0
Cropping	20	90.0	10.0
Other	133	96.2	3.8
	<hr/>		
	1584		
National Average		95.8	4.2
<hr/>			

TABLE F1
Highest Level of Education Obtained —
By Provincial Land District

	No. of valid observations	Primary/ Intermediate %	Secondary School %	School Certificate %	Sixth Form Certificate %	University Entrance %	Seventh Form %
<u>North Island</u>							
Northland	145	9.7	49.0	15.9	9.0	9.7	6.9
Central Auckland	26	0.0	38.5	19.2	15.4	23.1	3.8
<u>South Auckland</u>							
Bay of Plenty	408	9.8	49.8	21.1	5.4	6.6	7.4
East Coast	40	2.5	42.5	17.5	12.5	12.5	12.5
Hawkes Bay	94	5.3	43.6	21.3	7.4	13.8	8.5
Taranaki	150	12.0	56.0	13.3	7.3	4.7	6.7
Wellington	172	5.2	48.8	21.5	7.0	9.3	8.1
<u>South Island</u>							
Marlborough	33	12.1	30.3	12.1	18.2	18.2	9.1
Nelson	38	10.5	36.8	23.7	15.8	10.5	2.6
Westland	22	13.6	54.5	9.1	4.5	13.6	4.5
Canterbury	213	7.5	51.6	18.8	6.6	9.4	6.1
Otago	127	7.9	52.8	17.3	7.9	8.7	5.5
Southland	99	7.1	54.5	19.2	7.1	9.1	3.0
	1567						
National Average		8.4	49.6	18.8	7.5	9.0	6.8

TABLE F2

Highest Level of Education Obtained —
By Farm Type

	Dairy %	Sheep/ Beef %	Cropping %	Other %	National Average %
Primary/Intermediate	8.3	7.7	5.0	13.6	8.3
Secondary School	56.7	46.5	45.0	45.5	49.6
School Certificate	16.3	20.5	15.0	16.7	18.8
Sixth Form Certificate	6.3	8.2	10.0	6.8	7.5
University Entrance	5.9	9.9	15.0	12.9	9.0
Seventh Form	6.5	7.1	10.0	4.5	6.8
No. of valid observations	492	925	20	132	1569

TABLE G1

Attendance at Lincoln or Massey —
By Provincial Land District

	No. of valid observations	Yes %	No %
<hr/>			
<u>North Island</u>			
Northland	145	12.4	87.6
Central Auckland	27	22.2	77.8
South Auckland —			
Bay of Plenty	413	13.8	86.2
East Coast	41	19.5	80.5
Hawkes Bay	94	27.7	72.3
Taranaki	149	7.4	92.6
Wellington	173	20.2	79.8
 <u>South Island</u>			
Marlborough	33	51.5	48.5
Nelson	38	18.4	81.6
Westland	21	28.6	71.4
Canterbury	212	22.2	77.8
Otago	128	22.7	77.3
Southland	99	26.3	73.7
	1573		
National Average		18.6	81.4
<hr/>			

TABLE G2

Attendance at Lincoln or Massey —
By Farm Type

	No. of valid observations	Yes %	No %
<hr/>			
Dairy	496	10.1	89.9
Sheep/Beef	928	23.5	76.5
Cropping	20	15.0	85.0
Other	131	16.8	83.2
	1575		
National Average		18.6	81.4
<hr/>			

TABLE G3

Attendance at Technical Courses —
By Provincial Land District

	No. of valid observations	Yes %	No %
<hr/>			
<u>North Island</u>			
Northland	145	5.5	94.5
Central Auckland	27	11.1	88.9
South Auckland —			
Bay of Plenty	411	7.3	92.7
East Coast	41	7.3	92.7
Hawkes Bay	94	5.3	94.7
Taranaki	149	6.0	94.0
Wellington	172	8.7	91.3
 <u>South Island</u>			
Marlborough	32	12.5	87.5
Nelson	38	5.3	94.7
Westland	21	0.0	100.0
Canterbury	210	7.1	92.9
Otago	128	2.3	97.7
Southland	97	6.2	93.8
	1565		
National Average		6.6	93.4
<hr/>			

TABLE G4

Attendance at Technical Courses —
By Farm Type

	No. of valid observations	Yes %	No %
<hr/>			
Dairy	496	7.3	92.7
Sheep/Beef	920	6.1	93.9
Cropping	20	15.0	85.0
Other	131	6.9	93.1
	1567		
National Average		6.6	93.4
<hr/>			

TABLE G5

Attendance of Trades Certificate Courses -
By Provincial Land District

	No. of valid observations	Yes %	No %
<hr/>			
<u>North Island</u>			
Northland	145	4.8	95.2
Central Auckland	27	3.7	96.3
South Auckland -			
Bay of Plenty	411	7.5	92.5
East Coast	41	2.4	97.6
Hawkes Bay	94	2.1	97.9
Taranaki	149	1.3	98.7
Wellington	172	1.7	98.3
 <u>South Island</u>			
Marlborough	32	0.0	100.0
Nelson	38	0.0	100.0
Westland	21	0.0	100.0
Canterbury	210	1.0	99.0
Otago	128	0.8	99.2
Southland	97	2.1	97.9
	1565		
National Average		3.3	96.7
<hr/>			

TABLE G6

Attendance of Trades Certificate Courses -
By Farm Type

	No. of valid observations	Yes %	No %
<hr/>			
Dairy	496	5.4	94.6
Sheep/Beef	920	2.6	97.4
Cropping	20	0.0	100.0
Other	131	0.8	99.2
	1567		
National Average		3.3	96.7
<hr/>			

TABLE G7

Attendance at Flock House or Telford —
By Provincial Land District

	No. of valid observations	Yes %	No %
<hr/>			
<u>North Island</u>			
Northland	145	4.8	95.2
Central Auckland	27	0.0	100.0
South Auckland —			
Bay of Plenty	411	6.3	93.7
East Coast	41	17.1	82.9
Hawkes Bay	94	9.6	90.4
Taranaki	149	2.7	97.3
Wellington	173	6.9	93.1
 <u>South Island</u>			
Marlborough	32	0.0	100.0
Nelson	38	0.0	100.0
Westland	21	4.8	95.2
Canterbury	210	6.7	93.3
Otago	128	6.3	93.8
Southland	97	5.2	94.8
	1566		
National Average		5.9	94.1
<hr/>			

TABLE G8

Attendance at Flock House or Telford —
By Farm Type

	No. of valid observations	Yes %	No %
<hr/>			
Dairy	496	4.0	96.0
Sheep/Beef	921	6.7	93.3
Cropping	20	10.0	90.0
Other	131	6.9	93.1
	1568		
National Average		5.9	94.1
<hr/>			

TABLE G9

Attendance at any Other Tertiary Institutions —
By Provincial Land District

	No. of valid observations	Yes %	No %
<hr/>			
<u>North Island</u>			
Northland	143	7.0	93.0
Central Auckland	27	14.8	85.2
South Auckland —			
Bay of Plenty	408	8.6	91.4
East Coast	40	2.5	97.5
Hawkes Bay	94	7.4	92.6
Taranaki	149	10.1	89.9
Wellington	171	9.9	90.1
 <u>South Island</u>			
Marlborough	32	3.1	96.9
Nelson	38	7.9	92.1
Westland	21	0.0	100.0
Canterbury	210	7.1	92.9
Otago	128	4.7	95.3
Southland	94	2.1	97.9
	1555		
National Average		7.5	92.5
<hr/>			

TABLE G10

Attendance at any Other Tertiary Institutions —
By Farm Type

	No. of valid observations	Yes %	No %
<hr/>			
Dairy	492	10.2	89.8
Sheep/Beef	914	6.6	93.4
Cropping	20	5.0	95.0
Other	131	3.8	96.2
	1557		
National Average		7.5	92.5
<hr/>			

TABLE H1

Overseas Travel to Observe Farming in Other Countries --
By Provincial Land District

	No. of valid observations	Yes %	No %
<hr/>			
<u>North Island</u>			
Northland	144	29.9	70.1
Central Auckland	27	55.6	44.4
South Auckland -- Bay of Plenty	415	39.8	60.2
East Coast	41	29.3	70.7
Hawkes Bay	95	46.3	53.7
Taranaki	149	40.3	59.7
Wellington	174	45.4	54.6
 <u>South Island</u>			
Marlborough	33	45.5	54.5
Nelson	38	23.7	76.3
Westland	22	36.4	63.6
Canterbury	213	37.1	62.9
Otago	129	41.1	58.9
Southland	99	36.4	63.6
	1579		
National Average		39.1	60.9
<hr/>			

TABLE H2

Overseas Travel to Observe Farming in Other Countries --
By Farm Type

	No. of valid observations	Yes %	No %
<hr/>			
Dairy	499	37.9	62.1
Sheep/Beef	929	40.0	60.0
Cropping	20	40.0	60.0
Other	133	38.3	61.7
	1581		
National Average		39.2	60.8
<hr/>			

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